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IPAX POLYMER

INDUSTRIAL CO., LTD

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Company profile



IPAX Polymer industrial Company Limited is focused on supplying plastics resin material, project development and service in Shenzhen,China. We start to supply material and service since 2015, and officially established IPAX company in 2021. In order to meet and work closely with more famous factory and supply much more better service to our customer, we set up our domestic company Shenzhen IPAX Technology Co., Ltd in China.

Until now our business include Three part:
First of all is our advantage engineer plastics material compound. We have own brother factory to produce the plastics compound for us in China. Engineers are invited from China famous factory with rich experience on research and develop material, supply the professional suggestion and material for customer on different project. Main material include: PC, PBT, PA, POM. PPS, PPA,PP, TPU, ect.

Seconed part is trade business for different plastics material and thermoplastics Elastomer material. Due to good relationship with famous brand factory and their first level distributor, like Lotte, Chimei, LG, BASF, Fomorsa, TUNHE, Yuntianhua,hanwha, Shenma, Toray, Covestro, Dupot, Sabic, Polyplastics, Wanhua, etc. We can normally get what customer need brand grade from them based on a competitive price. And what' s more,

we can get some surplus stock, off-grade material and regrind material from them on time. The material include: PC, ABS, MABS, PBT, PA6, PA66, POM, PPS, PPSU, PP, EVA,PPA, PPO, TPU, TPE, TPEE, etc.

The third part is about the medical grade material and product. In 2023, we have signed the official distributor with ICP DAS BMP company in Middle East and Russia maket about their medical grade TPU material. We can be satisfied with customer requirment on Color and speical market fileds. Also we can supply the Medical grade TPE, POM, ABS, PA6, PA12, PC, PP, PPSU and so on material for customer based on their different product. All material have passed the ISO 10993, FDA, USP-VI and so on certificate. The partner factory have received the ISO 13485 certificate. Because customer production technology limited, we also can supply the medical product for customers.

Now we supply material and support on home appliance, automotive part, machine, LED light, cable, medical, electronic & electric product and so on market. Our customer include: GEM, minister group, Bosch, Philips, Osram etc.

Based on our factory, supplier and customer strongly support, we can assure our customized products and services to clients.

Item No.	Material	Product brand	Alphabet	Alphabet
General Plastics	PP	IP30	1-No filler G-galss fiber C-carbon fiber GN-Halogen free T-Talc M-Mineral FR-flame retardant HG-high gloss HT-Heat Resistance ST-Super toughness TR-transparent UV-UV stable WR- wear resistance EC-Electric Conductive	NC- Natural color BK-black WT-white BL-Blue RD-RED GY- Grey YW- yellow GN- Green
	HDPE	HP120		
	ABS	B01		
	HIPS	HS10		
Engineer plastics	PA	IP60/66		
	PC	IP10		
	PBT/PET	IP40/50		
	POM	IP910		
	PPO	IP81		
Thermoplastics Elastomer	TPU	IP		
	TPE	IP16		
	TPEE	IP10		
Special engineer plastics series	PPA	IP65		
	PPS	IP40		
	PEI	RP98		
Special engineer plastics series	PPA	IP65		
	PPO	IP81		
	PPS	IP40		
	PEI	RP98		
	PA12	IP612		
	PES	IP450		
	PEEK	IP85		
	LCP	IP88		

General Plastics

> PP

PP is one of the five general plastic material, has comprehensive properties, such as good chemical resistance, thermal stability, health, low water absorption, very low specific gravity, good insulation. PP is particularly well suited for processing using injection extrusion and blow moulding processes. Typical application areas for PP are the fields of automotive, electric and electronic, appliance, lighting, sport, office equipment and other fields.

Product	Models	Description	Application
Unfilled	IP3010	Impact resistance, high gloss, low specific gravity	Home appliance cover, automotive part, tool cover
	IP3010-TR	Transparent, heat resistance, healthy	
	IP3010-ST	Anti-low temperature, super toughness	
	IP3010-UV	Excellent weather resistance	
Reinforced, filled	IP30GXx	High rigidity, heat resistance(x=10,20 etc.)	Structural component, automotive part, home appliance
	IP30LGF	Long glass fiber (x=10,20 etc)	
	IP30GMXx	High rigidity, low shrinkage(X=10,20 etc.)	
	IP30TXx	General grade, dimensional stable	
	IP30TXx-HG	High gloss, dimensional stable(x=10,20 etc)	
	IP30TXx-ST	Impact resistance, dimensional stable	
Flame Retardant Grade	IP3010F	General grade, Excellent Comprehensive Performance	Electric and Electronic product, Home Appliance Part
	IP3010F-V2	FR UL94 V2, Good Flow property	
	IP3010F-5VA	FR UL 94 5VA, with good Rigidity and toughness property	
	IP3010F-HG	High gloss, Good Toughness	

xx mean the glass fiber or other ash content, like 30G30, it means with 30% glass fiber content.



> ABS, PMMA/BAS

Acrylonitrile-butadiene-styrene(ABS) is a general thermal polymer, with good rigidity, high impact strength, heat resistance, low temperature resistance, Chemical resistance, high mechanical strength and excellent electronic performance; easy to process, processing dimensional stability and good surface; easy to paint, color, and second processing of spraying metal cover, electroplating, welding and bonding.

PPMA/ABS has advantage of good weather resistance, high surface hardness, high gloss and excellence scratch resistance. It realizes the perfect combination of function and aesthetics.

Product	Models	Description	Application
General Grade	B010	Standard Grade	Toy, supplies, decoration
	B 010-TR	Transparent Grade	
Heat Resistance	B10HR100	Heat Resistance 100°C, excellence toughness performance	Home appliance part, automotive part
	B010HR110	Heat Resistance 110°C, Excellence Flow property	
Flame Retardant	B010AF	Excellence Comprehensive performance,	Home appliance cover, electric product
	B010BF	Comprehensive performance equalization	
Reinforced Grade	B010GXx	Rigidity and toughness balance(X=10,20 etc.)	Tool cover, structure part
	B010GXxF	Glass fiber reinforced, dimensionally stable(X=10,20 etc.)	
Special Grade	B10MP	Plating grade, excellent fluidity property	Office equipment, home appliance part, automotive part
	BS010UV	Weather resistance, excellent flow property	
	BS010AS	Anti-static, excellent flow property	
	B010WR	Wear resistance, excellent flow property	
	B010NB	Antimicrobial Grade, excellent flow property	
	B010GL	Matte Gloss	
ABS/PMMA Alloy	BM50-HG	High gloss, excellent comprehensive performance	Home appliance cover, office equipment cover
	BM50-WR	Scratch resistance, excellent comprehensive performance	
	BM50-TR	High transparent, excellent comprehensive performance	

xx mean the glass fiber or other ash content, like B010G30, it means with 30% glass fiber content.



> HIPS

HIPS is a general thermal plastic material with high impact property, low water absorption, easy to process, color, painting and high cost effective and so on feature, and with widely processing fluidity property and mechanical strength.

Product	Models	Description	Application
General Grade	HS10	FDA Grade, Excellent gas barrier property	Toy, Decoration
Special Grade	HS10-HG	High gloss, Excellent toughness	Home Appliance Cover, Automotive part
	HS10-ST	Super Toughness, Excellent comprehensive Property	
	HS10-HF	High Fluidity, Excellent Comprehensive Property	
	HS10-UV	Anti UV, Excellent Comprehensive Property	
Flame Retardant Grade	HS10F	FR UL94 V0, General Grade	Office Equipment , Home appliance part
	HS10F-5VA	FR UL94 5VA, Dimensionally Stable	
	HS10F1	FR UL94 V1, Excellent Fluidity property	
	HS10F2	FR UL94 V2, Excellent Fluidity property	
	HS10F-GN	NHFR, Environmental Protection	



> HDPE

High-density polyethylene (HDPE), white powder or granular product. Non-toxic, tasteless, crystallinity is 80%~90%, softening point is 125~135℃ , and the service temperature can reach 100℃ ; hardness, tensile strength and creep are better than low density polyethylene; wear resistance, electrical Good insulation, toughness and cold resistance; good chemical stability, insoluble in any organic solvent at room temperature, corrosion resistance of acid, alkali and various salts; thin film permeability to water vapor and air, water absorption Low; poor aging resistance, environmental stress cracking resistance is not as good as low density polyethylene, especially thermal oxidation will reduce its performance, so antioxidants and ultraviolet absorbers must be added to the resin to improve this deficiency. High-density polyethylene film has a low heat distortion temperature under stress, so pay attention to it when applying it.

Product	Models	Description	Application
General Grade	HP120	white powder or granular product. Non-toxic, tasteless, crystallinity is 80%~90%, softening point is 125~135 ℃ , and the service temperature can reach 100℃	Tube, hose
Special Grade	HP120- GF4-EC	excellence mechanical property, injection grade and with electrical conductive property	Automotive part,cable.
	HP120LFG50	Extrusion Grade, High Strength, High Impact	
	HP120LFG25		



Engineer plastics

> Polyamide(PA6/66)

Polyamide is one of Five modified engineer plastics, with very high Mechanical strength, high soften point, heat resistance, excellent wear resistance, self-lubricating, excellent chemical resistance and so on property. It shows good stability when meet different oil compounds and shows excellent performance. Because of it excellent property, so Polyamide material have instead some metal as structural property material.

Product	Models	Description	Application
General Grade	6010	Excellent Fluidity property, Easy to shape	Ribbon, article of daily use
	6610	Low temperature resistance, Impact resistance	
Toughness reinforced Grade	6010ST	Low temperature resistance, Impact resistance	Baby carries, roller skating, sport product
	6610ST		
Reinforced Grade	60GXx	High strength, (x=10,20 etc.)	Power Tool Cover, Structural part, Automotive part, sport product,
	66GXx		
	60GXx-ST	High strength,high toughness,(x=10,20 etc.)	
	66GXx-ST		
	60CXx	Super Strength,(x=10,20 etc)	
	66CXx		
	60GMX	Carbon and glass fiber reinforced, Dimensionally Stability	
	66GXx-HR	Hydrolysis resistance, refrigerating fluid resistance(x=10,20 etc)	
Flame Retardant Grade	6010F	Halogen flame retardant , high toughness property	Electronic product, Dis-connector, Switch block
	6610F		
	6010F-GN	Free halogen flame retardant, Excellent Fluidity property	
	6610F-GN		
	60GXxF	Glass reinforced, excellent mechanical property,(x=10,20 etc)	
	66GXxF		
	60GMxXF	Dimensionally stability,(x=10,20 etc)	
	66GMxXF		
	60GXxF-GN	Free halogen reinforced flame reinforced,(x=10,20 etc)	
	66GXxF-GN		
PA6/ABS Alloy	60S50	High impact, Matter surface	Automotive interior
	66S50GXx	Glass fiber reinforced,(x=10,20 etc)	
xx mean the glass fiber or other ash content, like 60G30, it means with 30% glass fiber content.			

xx mean the glass fiber or other ash content, like 60G30, it means with 30% glass fiber content.



> ‘Polycarbonate (PC)

PC is a kind of amorphous engineer thermoplastic material, with high transparent, high impact, high strength, high fatigue resistance, excellent dimensionally stability, excellent low temperature and heat resistance, flame retardant, processing property, etc excellent property.Through Interface compatibility technology, PC can be alloy with ABS, ASA, PBT, PET etc, these allow interface two material’ s excellent property, widely used in electric and electronic, home appliance, automotive part etc, fully widen PC application fields.

Product	Models	Description	Application
General Grade	IP1010	Easy to color, Excellent comprehensive property	Electric product cover, Home appliance cover
	IP1010HF	General grade, high fluidity	
Light diffusion Grade	IP1218	Light diffusion PC material	LED Light
Reinforced Grade	IP10GXx	Glass fiber reinforced, High rigidity,(x=10,20 etc)	Electricity meter cover, display base, equipment part
	IP10CXx	Carbon fiber reinforced, high strength(x=10,20 etc)	
Flame retardant Grade	IP1010F	Excellent comprehensive property	Switch panel,electrical product, Electricity meter cover, TV module
	IP1010F-GN	Free halogen, excellent fluidity property, High impact	
	IP1010GXxF	Flame retardant, high rigidity(x=3,4,5,6 etc)	
PC/ABS Alloy	IP1050	General grade, high fluidity, excellent toughness	Electrical product, automotive interior part, socket cover
	IP1050SJ	Super toughness, excellent fluidity,	
	IP1050F	Halogen flame retardant, high toughness	
	IP1050F-GN	Free halogen flame retardant, Excellent fluidity	
	IP1050GXx	High strength, (x=3,4,5,6 etc)	
PC/ASA	IP1050SA	Excellent weather resistance property	Automotive interior, out-door product
PC/PBT Alloy	IP10B50	PC/PBT, Excellent fluidity property, high impact	Structural part, automotive interior
	IP10B50Gxx	High strength, good surface(x=3.4.5.6 etc)	
PC/PET Alloy	IP10E50	PC/PET, Low cost, good surface	Automotive part

xx mean the glass fiber or other ash content, like 10G30, it means with 30% glass fiber content.



> Polyester(PBT/PET)

Polyester Polymer PBT/PET is a kind of high property engineer plastic material with high strength, high rigidity and excellent processing property; with hear resistance, good toughness, scrap resistance, weather resistance, low absorption, and still keep kinds of property(include electrical property) in wet environment. High dielectric strength, excellent electrical property, dimensional stability, good mould property, stronger impact resistance and creep resistance, excellent chemical resistance etc feature, easy to process to glass fiber reinforced and flame retardant product.

Product	Models	Description	Application
General grade	4010	Injection grade	Sport product, daily used product
	5010		
Reinforced grade	40GXx	High strength, high heat resistant,(x=10,20 etc)	Tool cover, Structural part
	50GXx		
	40MXx	High surface, dimensionally stability(x=10,20 etc)	
	50MXx		
Flame retardant, special grade	4010F	Flame retardant without reinforced	Electrical product, connector, fan, LED cap, hair straightener
	5010F		
	40GXF	High strength, high heat resistance,(x=10,20 etc)	
	50GXF		
	40GXF-GN	Free halogen flame retardant, excellent comprehensive performance,(x=10,20,etc)	
	50GXF-GN		
	40GXF-CTI	Flame retardant, high CTI value,(x=10,20 etc)	
	50GXF-CTI		
	40GXF-LW	Low warp, high strength,(x=10,20, etc)	
50 GXF-HG	Low warp, (x=10,20 etc)		
PBT, PET/ABS Alloy	BS40	Dimensionally stability, excellent surface	Home appliance cover
	BS50	Good surface, warp resistance	
PBT/ASA Alloy	SAG6	Warp resistance, excellent toughness	Automotive part, electrical product
	SAG6F	Flame retardant, warp resistance	
PBT/PET Alloy	4050	Dimensionally stability, high strength, heat resistance	Automotive part
	4050M	Warp resistance, plated grade	

xx mean the glass fiber or other ash content, like 40G30, it means with 30% glass fiber content.



> POM

POM is a high specific gravity, high crystallinity thermoplastic material, with high strength, creep resistance, fatigue resistance, dimensionally stability, excellent formality, high gloss and so on feature, excellent scratch resistance and good smooth feature.

Product	Models	Description	Application
General grade	IP91	Standard grade	Cosmetic box, zip,gear
	IP91-03	High viscosity, high toughness	
	IP91-27	Low viscosity, high fluidity	
Reinforced grade	IP91Gxx	High strength, high rigidity,(x=10,20 etc)	Gear,structural part, holder
	IP91GBxx	Dimensionally stability, (x=10,20 etc)	
	IP91Cxx	High strength, high rigidity (x=10,20 etc)	
Super toughness	IP91ST10	Good toughness	Safety belt part
	IP91ST20	High toughness	
	IP91ST30	Super toughness	
Wear resistance	IP91TF10	Wear resistance, excellent toughness	Gear,sliding block,bearing
	IP91F20	Super wear resistance	
	IP91MO	Super wear resistance	
	IP91SI	Super wear resistance	

xx mean the glass fiber or other ash content, like M910G30, it means with 30% glass fiber content.



Thermoplastics Elastomer

> TPU

TPU is thermoplastic polyurethane, which can be divided into polyester type and polyether type. It has wide hardness range (70A-85D), wear resistance, oil resistance, transparency and good elasticity. It is widely used in the fields of daily necessities, sporting goods, toys, decorative materials, medical product, and so on.

Product	Models	Description	Application
Polyester TPU	IP41xx	excellent transparency, and processing performance, low yellowing, good UV resistance.	Automotive part, extrusion part
	IP31xx	Excellent physical properties, Abrasion resistance, Easy processing, fast de-molding, free from plasticizers etc.	Foot wear, Sealing ring, Accessories, Protective gear, Compound. Injection part.
	IP827xx	Excellent physical properties, good chemical resistance and wide processing window for extrusion.	Film, cable jacket, tube, food touched product
	IP42xxFR	Non-Halogen free V0 FR,	FR request product
Polyether TPU	IP 11xx	Excellent Hydrolysis resistance, anti-fungal, UV resistance, high transparency	Cable jacket, general extrusion product
	IP 11XXFR	Excellent Hydrolysis resistance, anti-fungal, UV resistance, high transparency and good flame retardant.	Wire & Cable and general extrusion where flame retardant properties are required
Adhesive TPU	IP6230	With high crystallization rate and especially has great bonding strength with TPU, PVC, NYLON, and fabric.	shoe adhesive
Aliphatic TPU	IPALSxx	Excellent initial bonding strength, good solvent solubility, it can be used as a mono-component adhesive.	Automotive clothing film, cable Jacket

xx= shore hardness, like IP1185A mean 85A shoreA hardness.



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TPEE/TPC-ET

TPEE (Thermoplastic Polyester Elastomer) is with Good creep, impact and fatigue resistance,High impact strength and good flexibility at low temperature.

Maintain good performance during temperature rise,high tear resistance and high friction resistance and so on excellence property, widely used for dust cover, Engine inlet pipe, cable jacket, conveyor belt, gear and so on fields.

Product	Models	Description	Application
TPEE	IPxxD	general purpose, low viscosity, extrusion grade	Conveyor belt, cable jacket, tube, wire etc.
	IPxxD	General Purpose, medium Viscosity, injection grade	Dust cover. gear
	IP10xxD	Good processing, high impact,excellence tear resistance	Injection dust cover, blowing molding product
xx mean the material shore hardness, like IE40D mean 40D shore hardness material			



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Special Engineer plastics series

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PPA

PPA has advantage of high modulus, high rigidity, high performance-price ratio, low water absorption rate, dimensional stability and excellent weld-ability tec. PPA material has excellence overall properties which enable its well performance under thermal, electrical, physical and chemical condition, PPA still maintains high rigidity and strength, as well as excellent dimensional accuracy and stability even under high temperature.

Product	Models	Description	Application
Chemical Machinery grade	IP65HTGxxF	Superior rigidity, high temperature resistance, excellence resistance to hydrolysis	Automotive part, electrical& electronics, mechanical engineer product.
Reinforced grade	IP65HTGxxF-GN	Halogen free, outstanding flame retardant, high strength,	
	IP65HTCxx	Superior rigidity, dimensional stability	
Flame retardant grade	IP65HTGxx	Excellence mechanical strength, remarkable heat resistance, excellence surface effect.	
x=15, 20, 25, 30 etc, it means the fiber percent. Like 65HTG30, it means glass fiber percent is 30%.			



> PPO

PPO as one of five general engineer plastic material, it is the best seller material in all engineer plastics alloy, with excellent physical mechanical property, heat resistance and electric property, its low water absorption, high strength, good dimensionally stability, creep resistance under high temperature and so on property is most excellent in thermoplastic material.

Product	Models	Description	Application
Hydrolysis resistance grade	IP81-HT110	Heat resistance 110°C , hydrolysis resistance	Water processing equipment, shower, coffee pot cover
	IP81-HT120	Heat resistance 120°C , hydrolysis resistance	
Reinforced grade	IP81-Gxx	High strength (x=10,15, 20 etc)	Water pump part
	IP81-CF	Super strength (x=10,15,20 etc)	
Flame retardant Grade	IP81F-S90	Heat resistance 90°C , Flame retardant, excellent toughness	Electrical and electronic product, sh-solar,office equipment, connector
	IP81F-S100	Heat resistance 100°C , Flame retardant, excellent toughness	
	IP81F-S120	Heat resistance 120°C , Flame retardant, high strength	
	IP81F-S120UV	Heat resistance 90°C , Flame retardant, excellent toughness, UV resistance	
	IP891F-SGxx	Glass fiber reinforced, flame retardant, (x=10,15, 20 etc)	
PPO/PA Alloy	IP816-S180	Super toughness, plated grade	Automotive part, fuse box
	IP816-GFxx	High rigidity, impact resistance,(x=10,15,20 etc)	
Special grade	IP81-UV	UV resistance, UVGI resistance	Medical product

xx mean the glass fiber or other ash content, like 810-G30, it means with 30% glass fiber content.



> PPS

PPS has advantage of high temperature resistance, corrosion resistance, radiation resistance, flame retardant, average and mechanical properties, excellent dimensional stability and electrical property as well. With these outstanding properties, PPS composites have already been as substitutes for certain metal in structural materials which are widely used in electronic and electrical, automobile, chemical machinery, aviation and aerospace, as well as the military industries.

Product	Models	Description	Application
Glass fiber Reinforced	IP 40, IP70, IPS xx	High temperature resistance, high rigidity,good dimensional stability	Electronic & electrical, automobile, chemical machinery, aviation &aerospace, military industries.
PPS/PPO Alloy	RS80A	High temperature resistance	
PPS/PPA Alloy	RS65A	High toughness, high temperature resistance	
Superior Grade	PR40SL	Good impact resistance	

Xx means the glass fiver percent, like PR 50 means with 50% glass fiber reinforced.



> PEI

PEI has the advantage of excellence thermal resistance, broad chemical resistance, inherent flame retardant, excellence dimensional stability, high toughness, excellent abrasion resistance, good wave-transmittance, and outstanding electrical properties. The well balance between mechanical properties and process ability enable its replacening of metal in traditional products and daily commodity product.

Product	Models	Description	Application
General Grade	RP98H	high rigidity,semi-transparency	Food and medical product
High abrasion resistance	RP98G30-WR	High abrasion resistance, high rigidity	



> PA12

PA12 is a high-performance technical polymers. It is a lowest water absorption and lightest polyimide, has good resistance to chemcials and good mechanical properties. PA12 is a particularly well suited for processing using injection extrusion and blow moulding processes. Typical application areas for PA12 are the fileds of automotive , electric and electronic, sport packaging and mechanical engineering.

Product	Models	Description	Application
General Grade	IP6120	Transparent grade	Food, medical product, electric product, glasses, etc.
Reinforced grade	IP612Gxx	excellence flexible property under low temperature and Excellence dimensional stability, low water absorption.	for injection part with high request on mechanical property
extrusion grade	IP61295	Good adhesion to aluminium, High heat and UV-stability, Lowmoisture absorption, Very good chemical and oil resistance, High abrasion resistance	metal tube coating or cables, oil tube, air tube
	IP612E	high toughness, low temperature resistance, low water absorption	

x=15, 20, 25, 30 etc, it means the fiber percent. Like 612G30, it means glass fiber percent is 30%



> PES

PES has the advantages of high transparency, good hydrolysis resistance, inherent flame retardancy, low smoke and resistance to a broad range of chemicals. It also has the particular excellencies of maintaining stable performance under long terms usage in high heat condition and abrupt temperature changes environment.

Product	Models	Description	Application
General Grade	IP450	high rigidity; semi-transparency	food contact product
Reinforced grade	IP450Gxx	high rigidity; high temperature resistance; flame retardance	electric and electronic product, automotive part etc.
	IP450Cxx		
Abrasion Resistance	IP450-WR	high abrasion resistance; high rigidity	in Accessories of automobile and aircraft fields
Reinforced	IP450Gxx	high rigidity; reinforced; dimension stability	

x=15, 20, 25, 30 etc, it means the fiber percent. Like 450G30, it means glass fiber percent is 30%



> PEEK (Polyether ether ketone)

Property: PEEK has the advantages of excellent strength and thermal properties. PEEK can compete with metal in various fields with its unique structure and properties, which includes outstanding fatigue resistance, abrasion resistance, self-lubricated property, electrical properties and radiation resistance. These embrace PEEK the abilities to challenge numerous environmental extremes.

Product	Models	Description	Application
General Grade	IP8500	High temperature resistance; Flame-retardance; Excellent electrical properties.	PEEK in Electronic & Electrical Fields
Reinforced	IP85Gxx	High strength & rigidity; High temperature resistance; High chemical corrosion resistance (x=2、4、6、8 etc.)	PEEK in Chemical Engineering Field
Abrasion resistance	IP85Cxx-WR	High abrasion resistance; Good air-tightness (x=2、4、6、8 etc.)	
Wear resistance	IP85Cxx-WR	High wear resistance; High rigidity (x=2、4、6、8 etc.)	PEEK in Automobile Accessory Field
Reinforced	IP85Gxx	High rigidity; High temperature resistance; High chemical corrosion resistance (x=2、4、6、8 etc.)	

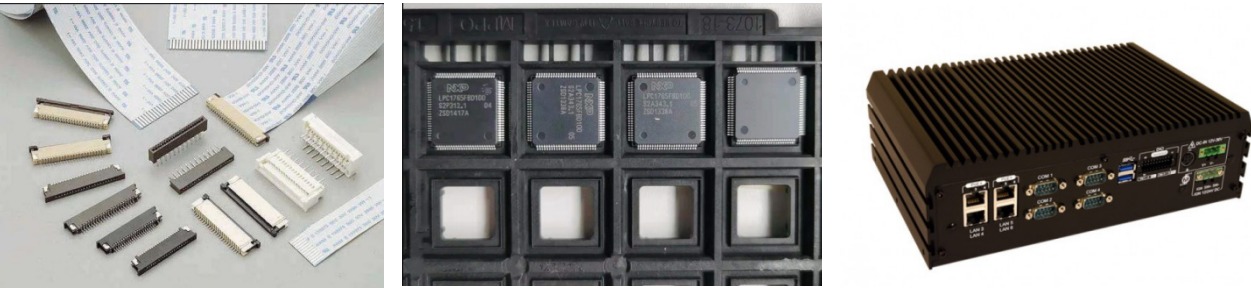


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LCP(Liquid Crystal Polyester)

Property: LCP has the advantages of high strength, high rigidity, high temperature resistance, electric insulation, flame retardance, dimensional stability, chemical resistance, good air-tightness and balanced mechanical properties.

Product	Models	Description	Application
Unmodified	IP8800	Excellent mechanical properties ;High temperature resistance Electric properties and Flowability.	LCP in Medical &Daily Commodity Fields
Glass fiber reinforced	IP88Gxx	High rigidity; Temperature resistance (x=2、 4、 6、 8etc.)	
Unmodified	IP88	Excellent mechanical properties; High temperature resistance Electric properties; Flowability	LCP in Electronic & Electrical Fields
	IP88HT	Superior high temperature resistance ; Mechanical strength	
Filled & reinforced	IP88Mxx IP88Gxx	High rigidity; High temperature resistance; Flame retardance;Dimensional stability (x=2、 4、 6、 8etc.)	
Unmodified	IP88	High flowability; High temperature resistance	LCP in Automobile Accessory
Reinforced	IP88-L	Good dimensional stability; High temperature resistance; High flowability	



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Our Partner

