

PP

Properties : PP has the advantages of excellent comprehensive properties, good chemical stability, good shape processing performance and relatively low cost. PP can adapt to a wider range of application requirements through modifying, copolymerization, grafting, blending, reinforced filling, transparency, filling, weather resistance.

PP Products Series and Specification :

Product Series	Type	Specification	Decription
PP in Home Electrical Appliance Field	Mineral Filled Grade	80Tx	Ordinary Grade Dimensional Stability (x=3、 4、 5、 6 etc)
		80Tx-HG	Highly Gloss Dimensional Stability (x=3、 4、 5、 6 etc)
		80Tx-HM	High Rigidity Dimensional Stability (x=3、 4、 5、 6 etc)
		80Tx-ST	Impact Resistance Dimensional Stability (x=3、 4、 5、 6 etc)
		80Tx-UV	Weather Resistance Dimensional Stability (x=3、 4、 5、 6 etc)
		80Tx-LW	Low Warpage Dimensional Stability (x=3、 4、 5、 6 etc)
	Flame-retardance Grade	8010F	Ordinary Grade Good Comprehensive Properties
		8010F-V2	Flame-retardance V2 Good Flowability
		8010F-5VA	Flame-retardance 5VA Average Rigidity
		8010F-GW	850°C Glow wire temperature
		8010F-LW	Low Warpage Good Toughness
		8010F-HG	Highly Gloss

			Good Toughness	
PP in Automobile Field	Bumper	8012-ST	Non-filling High Impact Resistance Good Weather Resistance	
		8012Tx	High Impact Resistance Good Weather Resistance (x=3、 4、 5、 6 etc)	
	Internal Decorative Part	Protection Panel	8012Tx-MB	High Impact Resistance Good Weather Resistance (x=3、 4、 5、 6 etc)
		Dash Panel	8012Tx-YB	High Impact Resistance Good Flowability (x=3、 4、 5、 6 etc)
	Structural Accessory		80Gx-AT	High Rigidity High Temperature Resistance (x=3、 4、 5、 6 etc)
Non-filling PP Materials	Ordinary Grade		8010	High Impact Resistance Highly Gloss Light Weight
	Medical Grade		8010-NH	Semi-transparency, Temperature Resistance, High Insulation
			8010-TR	Transparency, Temperature Resistance, Hygiene
	Sport Equipment Grade		8010-ST	Low Temperature Resistance, Super Toughness
			8010E	Low Temperature Resistance, Good Rigidity, Anti-elastic Deformation
	Furniture Grade		8010-HG	Impact Resistance Highly Gloss Light Weight
Reinforced PP Materials	Glass Fiber Reinforced Grade	80Gx	High Rigidity High Temperature Resistance (x=3、 4、 5、 6 etc)	
		80Gx-LFT	Long Glass Fiber Reinforcement, Super High Rigidity (x=6、 8、 10 etc)	
		80GxMy	High Rigidity Low Shrinkage (

		$x=3、4、5、6$ etc , $y=3、4、5、6$ etc)
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Note: 1. In the glass-fiber reinforced products, the actual content of glass fiber=subscript $No \times 5$, e.g. the actual glass fiber content of 80G6 is $6 \times 5 = 30\%$.

2. In the mineral-fiber reinforced products, the actual content of glass fiber=subscript $No \times 5$, e.g. the actual glass fiber content of 80T4 is $4 \times 5 = 20\%$.

Application: Automobile Industry, Home Electrical Appliance, Electronic Instrument Industry, Textile Industry, etc.

