

PPO

Property : PPO has the excellent characteristics of physical mechanical properties, heat resistance, and electrical insulation. It is famous among the engineering thermoplastics for its low water absorption rate, high hardness, excellent dimensional stability and anti-creeping under high temperature.

PPO Products Series and Specification :

Product Series	Type	Specification	Description
PPO in Automobile Field	Reinforced Grade	9010-GFxx	High Rigidity Dimensional Stability (xx=10、 15、 20 etc)
	Temperature Resistance Grade	9010-HT110	Maximum Temperature 110°C Good Toughness Anti-hydrolysis
		9010-HT120	Maximum Temperature 120°C Good Toughness Anti-hydrolysis
	Special Grade	9010-LG	Low Gloss Scratch Resistance
		9010-HF	Good Flowability Good Toughness
	PPO/PA66 Alloy	9060-S180	Super Toughness Sprayable
		9060-GFxx	High Rigidity Impact Resistance (xx=10、 15、 20 etc)
PPO in Electronic & Electrical Field	Flame-retardant Grade	9010F-SGxx	Glass-fiber Reinforced High Rigidity (xx=10、 15、 20 etc)
		9010F-S90	Maximum Temperature 100°C Flame-retardance Good Toughness
		9010F-S100	Maximum Temperature 100°C Flame-retardance Good Toughness
		9010F-S110	Maximum Temperature 100°C Flame-retardance Good Flowability
		9010F-S120	Maximum Temperature 120°C Flame-retardance High Rigidity
PPO in Water	Reinforced Grade	9010-SGxx	Anti-hydrolysis

Treatment Field	Temperature Resistance Grade		(xx=10、 15、 20 etc)
		9010-HR110	Maximum Temperature 100°C Anti-hydrolysis Good Toughness
		9010-HR120	Maximum Temperature 100°C Anti-hydrolysis Toughness & Rigidity balanced
		9010-HR130	Maximum Temperature 130°C Anti-hydrolysis High Rigidity
PPO in Medical Equipment Field	Special Grade	9010-UV	Gamma sterilization Resistance UV-stability
		9010-S120	Steam sterilization Resistance Maximum Temperature 120°C
		9010-MB	Special Grade Anti-bacteria

Note: In the glass-fiber reinforced products, the actual content of glass fiber represents by “xx”,e.g. the actual glass fiber content of 9010F-SG20 is 20% and the actual glass fiber content of 9060-GF10 is 10%.

Application: Electronic and Electrical, Household Electrical Appliance, Office Automation Equipment, Automobile, Architecture Materials, aviation & Aerospace, Military Areas.

