

Yuyao PPO PX9406-701

Polyphenylene Ether + PS
Yuyao Tenglong Plastics Co., Ltd.

Message:

Yuyao PPO PX9406-701 is a Polyphenylene Ether + PS (PPE+PS) product. It can be processed by injection molding and is available in Asia Pacific. Applications of Yuyao PPO PX9406-701 include electrical/electronic applications and housings. Characteristics include:
Flame Rated
RoHS Compliant
Chemical Resistant
Flame Retardant
Good Dimensional Stability

General Information			
Features	Flame Retardant		
	Good Dimensional Stability		
	Good Electrical Properties		
	Good UV Resistance		
	High Heat Resistance		
	High Rigidity		
	Low Shrinkage		
	Solvent Resistant		
Uses	Connectors		
	Electrical Parts		
	Electrical/Electronic Applications		
	Housings		
	Solar Panels		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	65.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	14.0	kJ/m ²	ASTM D256
Aging	Nominal Value		

Aging Resistance (150°C)	5		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	125	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.3E+3	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	100 to 115	°C	
Drying Time	4.0 to 5.0	hr	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	60.0 to 80.0	°C	
Injection Pressure	70.0 to 100	MPa	

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Recommended distributors for this material

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