

Yuyao PPO SE1X701

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

Message:

Yuyao PPO SE1X701 is a Polyphenylene Ether + PS (PPE+PS) product. It can be processed by injection molding and is available in Asia Pacific. Typical application: Electrical/Electronic Applications.
Characteristics include:
Flame Rated
Chemical Resistant
Flame Retardant
Good Dimensional Stability
Heat Resistant

General Information			
Features	Flame Retardant		
	Good Dimensional Stability		
	Good Electrical Properties		
	High Heat Resistance		
	High Rigidity		
	Low Shrinkage		
	Solvent Resistant		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
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	60.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	7.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	120	°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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