

Yuyao PP PP Mineral-filled

Polypropylene

Yuyao Tenglong Plastics Co., Ltd.

Message:

Yuyao PP PP Mineral-filled is a Polypropylene product filled with mineral. It can be processed by injection molding and is available in Asia Pacific. Typical application: Automotive.
Characteristics include:
Flame Rated
Chemical Resistant
Good Dimensional Stability
Good Processability
High Gloss

General Information			
Filler / Reinforcement	Mineral		
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Processability		
	High Gloss		
	High Strength		
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20 to 1.30	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	5500	MPa	ASTM D790
Flexural Strength	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)	8.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	120	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 95.0	°C	
Drying Time	2.0 to 3.0	hr	

Processing (Melt) Temp	195 to 225	°C
Mold Temperature	45.0 to 80.0	°C
Injection Pressure	60.0 to 90.0	MPa

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Recommended distributors for this material

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