

Zhejiang Juner PP430R Weatherability PP Series

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Applications: Air Conditioning System Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PP430R-Weatherability-PP-Series.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	GB/1033
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	GB/15585
Melt Flow	10 g/10 min	10 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	GB/1040
Flexural Strength	38.0 MPa	5510 psi	GB/9341
Charpy Impact Unnotched	NB	NB	ISO179-1:2000
Charpy Impact, Notched	0.800 J/cm ²	3.81 ft-lb/in ²	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	GB1634

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+18 ohm-cm	1.00e+18 ohm-cm	D257

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 250 °C	320 - 482 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
Drying Temperature	85.0 °C @Time 10800 sec	185 °F @Time 3.00 hour	Horizontal Oven
	90.0 °C @Time 7200 sec	194 °F @Time 2.00 hour	Chute Hot-Wind
Injection Pressure	30.0 - 90.0 MPa	4350 - 13100 psi	

Descriptive Properties	Value	Comments
Speed of Shoot, %	35-85	

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