

Cheng Yu Plastic BK1021 Electric Conducting Polypropylene, Extrusion

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-BK1021-Electric-Conducting-Polypropylene-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 - 0.020 cm/cm	0.012 - 0.020 in/in	ASTM D955
Melt Index of Compound	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	100	100	ASTM D785
Tensile Strength, Yield	38.2 MPa	5550 psi	ASTM D638
Flexural Yield Strength	49.0 MPa	7110 psi	ASTM D790
Izod Impact, Notched	0.294 J/cm	0.551 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 °C	237 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1e+05	1e+05	ASTM D257

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