

Cheng Yu Plastic A701BK Electric Conducting ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-A701BK-Electric-Conducting-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ASTM D955
Melt Index of Compound	4.0 - 6.0 g/10 min	4.0 - 6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	101	101	ASTM D785
Tensile Strength, Yield	39.0 MPa	5660 psi	ASTM D638
Flexural Yield Strength	93.2 MPa	13500 psi	ASTM D790
Izod Impact, Notched	3.43 J/cm	6.43 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648

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

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