

CENTROPLAST CENTROSOL LF Acrylonitrile butadiene Styrene copolymer conductive

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Extruded

Material Notes:

CENTROSOL LF ABS has high rigidity and hardness even at low temperatures. It is permanently conductive and is used in support components for the semi-conductor industry. Information provided by CENTROPLAST Engineering Plastics GMBH

Order this product through the following link:

http://www.lookpolymers.com/polymer_CENTROPLAST-CENTROSOL-LF-Acrylonitrile-butadiene-Styrene-copolymer-conductive.php

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	v = 5 mm/min; ISO 527-2
Tensile Strength, Yield	27.0 MPa	3920 psi	v = 50 mm/min; ISO 527-2
Elongation at Break	28 %	28 %	ISO 527-2
Flexural Modulus	1.80 GPa	261 ksi	ISO 178

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+9 ohm-cm	1.00e+9 ohm-cm	IEC 60093
Surface Resistance	<= 1.00e+9 ohm	<= 1.00e+9 ohm	IEC 60093

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