

CENTROPLAST CENTROLEN PP LF Polypropylene conductive

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

Material Notes:

This material is a low density, easily machined plastic that can be welded and has good surface conductivity. Applications include filter heads and housings, conveyor equipment for flammable liquids, and pump bodies for mining. Information provided by CENTROPLAST Engineering Plastics GMBH

Order this product through the following link:

http://www.lookpolymers.com/polymer_CENTROPLAST-CENTROLEN-PP-LF-Polypropylene-conductive.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ISO 1183
Water Absorption at Saturation	<= 0.20 %	<= 0.20 %	in water at 23°C; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Modulus	1.45 GPa	210 ksi	ISO 527-2
Charpy Impact Unnotched	NB	NB	ISO 179/1eU
Charpy Impact, Notched	3.20 J/cm ²	15.2 ft-lb/in ²	ISO 179/1eA

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 1000 ohm-cm	<= 1000 ohm-cm	IEC 60093
Surface Resistance	<= 1000 ohm	<= 1000 ohm	IEC 60093

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