

Lehmann & Voss LUVOCOM® 65-7712/GY PP-copolymer, with carbon fiber and glass fiber, electrically conducting

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

Material Notes:

Applications: Office communication.Strong, stiff parts.Electrically conductive, suitable for continuous discharging of statically generated electricity.Information provided by Lehmann & Voss & Co.KG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lehmann-Voss-LUVOCOM-65-7712GY-PP-copolymer-with-carbon-fiber-and-glass-fiber-electrically-conducting.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ISO 1183
Water Absorption	<= 0.30 %	<= 0.30 %	23Â°C/24h
Linear Mold Shrinkage	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Stress	53.0 MPa	7690 psi	
Elongation at Yield	1.0 %	1.0 %	
	1.4 %	1.4 %	flexural
Modulus of Elasticity	8.00 GPa	1160 ksi	
Flexural Strength	75.0 MPa	10900 psi	
Flexural Modulus	6.00 GPa	870 ksi	
Charpy Impact Unnotched	1.40 J/cmÂ²	6.66 ft-lb/inÂ²	edgewise; ISO 179 1eU

Electrical Properties	Metric	English	Comments
Insulation Resistance	100 - 100000 ohm	100 - 100000 ohm	

Processing Properties	Metric	English	Comments
Processing Temperature	230 - 260 Â°C	446 - 500 Â°F	mass temp
Nozzle Temperature	220 - 250 Â°C	428 - 482 Â°F	
Zone 1	220 - 250 Â°C	428 - 482 Â°F	
Zone 2	220 - 250 Â°C	428 - 482 Â°F	
Zone 3	230 - 260 Â°C	446 - 500 Â°F	

Processing Properties	Metric	English	Comments
Mold Temperature	40.0 - 80.0 Â°C	104 - 176 Â°F	
Drying Temperature	70.0 - 95.0 Â°C @Time 7200 - 14400 sec	158 - 203 Â°F @Time 2.00 - 4.00 hour	Dehumidifying dryer

Descriptive Properties	Value	Comments
Color	grey	

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