Kostat BK-STAT

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

BK-STAT is an inherently dissipative polymer incorporated into a variety of resins as a melt additive. The electrical resistivity is reduced by formation of a conductive percolating network in the host resin. This is a permanent, non-migratory anti-static agent. This additive is also thermally stable and effective at low humidity levels.The recommended use levels are 10-25% and surface resistivity of E8-12 ohms/square can be achieved.Special Features:Superior Permanent Static DissipationHumidity InsensitivityNo Particle GenerationNo MigrationExcellent ColorabilityGood ProcessibilityApplications:Semiconductor PackagingLCD PackagingElectrical & ElectronicsMedical DevicesStorage DisksAppliancesConsumer GoodsClean Room Accessories

Order this product through the following link:
http://www.lookpolymers.com/polymer_Kostat-BK-STAT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955
Melt Flow	20 g/10 min @Load 5.00 kg, Temperature 200 Â°C	20 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.0 MPa	2470 psi	ASTM D638
Flexural Strength	5.40 MPa	783 psi	ASTM D790
Flexural Modulus	1.57 GPa	228 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 Â°C	140 Â°F	ASTM D648

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.00e+8 ohm	1.00e+8 ohm	ASTM D257
Static Decay	<= 0.020 sec	<= 0.020 sec	5kV to 50V; FTMS 101C

Processing Properties	Metric	English	Comments
Drying Temperature	50.0 - 60.0 Â°C	122 - 140 Â°F	

Processing Properties	Metric	English	Comments
Dry Time	2 - 3 hour	2 - 3 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China