

Shinil Chemical SHINSTAT ABS Electrostatic Control Polymer Injection Grade

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

SHINSTAT is an Inherently Dissipative Polymer (IDP) compound which can discharge the electrostatic charge (ESD) effectively. Shinil has designed SHINSTAT using Shinil's patented IDP technology for special polymers (PC, PETG, PCTG, PS, ABS, PC/ABS, PMMA etc) to impart permanent static dissipative property. SHINSTAT is directly molded or extruded (film) to achieve the desired level of antistatic property. The level of surface resistivity by SHINSTAT can be varied in the final products depending upon customer needs.

Feature and Benefits
 Permanent electrostatic controllability
 Transparent and colorable
 Less humidity dependent
 No particulates
 Low ionics, out gassing or blooming
 Recyclability
 Used for injection molding, film or sheet extrusion
 Cost effective

Information Provided by Shinil Chemical Industry Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shinil-Chemical-SHINSTAT-ABS-Electrostatic-Control-Polymer-Injection-Grade.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	29.4 MPa	4270 psi	
Flexural Strength	53.955 MPa	7825.5 psi	
Flexural Modulus	2.06 GPa	299 ksi	
Izod Impact, Notched	1.47 J/cm	2.76 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Å°C	194 Å°F	

Optical Properties	Metric	English	Comments
Transmission, Visible	86 %	86 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.00e+10 ohm-cm	4.00e+10 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	230 Å°C	446 Å°F	

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