

## Shinil Chemical SHINSTAT PETG Electrostatic Control Polymer Sheet Grade

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET) , PETG Copolyester

### 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-PETG-Electrostatic-Control-Polymer-Sheet-Grade.php](http://www.lookpolymers.com/polymer_Shinil-Chemical-SHINSTAT-PETG-Electrostatic-Control-Polymer-Sheet-Grade.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	29.4 MPa	4270 psi	
Flexural Strength	39.24 MPa	5691 psi	
Flexural Modulus	1.27 GPa	185 ksi	
Izod Impact, Notched	1.67 J/cm	3.12 ft-lb/in	

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

Optical Properties	Metric	English	Comments
Transmission, Visible	82 %	82 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+9 ohm-cm	3.00e+9 ohm-cm	

Processing Properties	Metric	English	Comments
Processing Temperature	220 Â°C	428 Â°F	

## Contact Songhan Plastic Technology Co.,Ltd.

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