

Shinil Chemical SHINSTAT PP Electrostatic Control Polymer Sheet Grade

Category : Polymer , Thermoplastic , Polypropylene (PP)

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-PP-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 | 1.57 GPa | 228 ksi | |
| Izod Impact, Notched | 0.294 J/cm | 0.551 ft-lb/in | |

| Thermal Properties | Metric | English | Comments |
|---|----------|---------|----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 85.0 Å°C | 185 Å°F | |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|----------|
| Transmission, Visible | 85 % | 85 % | |

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

| Processing Properties | Metric | English | Comments |
|------------------------|---------|---------|----------|
| Processing Temperature | 200 Å°C | 392 Å°F | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China