

Samsung Cheil Industries Infino[®] CA-7009 PA/PPE, Antistatic

Category : Polymer , Thermoplastic , Nylon , Polyphenylene Ether/PPO

Material Notes:

Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Infino-CA-7009-PAPPE-Antistatic.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|------------|
| Specific Gravity | 1.09 g/cc | 1.09 g/cc | ASTM D792 |
| Melt Flow | 24 g/10 min @Load 5.00 kg, Temperature 300 Å°C | 24 g/10 min @Load 11.0 lb, Temperature 572 Å°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---------------------------------|--------------------------------------|-----------------------|
| Hardness, Rockwell R | 114 | 114 | ASTM D785 |
| Tensile Strength, Yield | 56.9 MPa | 8250 psi | 50 mm/min; ASTM D638 |
| Flexural Strength | 75.5 MPa | 11000 psi | 2.8 mm/min; ASTM D790 |
| Flexural Modulus | 1.80 GPa | 262 ksi | 2.8 mm/min; ASTM D790 |
| Izod Impact, Notched | 1.96 J/cm @Thickness 6.35 mm | 3.67 ft-lb/in @Thickness 0.250 in | ASTM D256 |
| | 1.96 J/cm @Thickness 3.17 mm | 3.67 ft-lb/in @Thickness 0.125 in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|-------------------------------|--------------------------------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 190 Å°C @Thickness 6.40 mm | 374 Å°F @Thickness 0.252 in | ASTM D648 |

| Electrical Properties | Metric | English | Comments |
|--------------------------------|---------------------------------------|---------------------------------------|-------------------|
| Surface Resistivity per Square | 1.00e+13 ohm @Temperature 23.0 Å°C | 1.00e+13 ohm @Temperature 73.4 Å°F | 50% RH; ASTM D250 |

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