

Resirene Resirene® 6220 High Impact Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

Features:Low FlowEasy ProcessingGood GlossHigh ElongationFDA Rating: 21 CFR 177.1640Mechanical StrengthApplications:Extrusion/ThermoformingDisposablesGPPS/HIPS BlendsRefrigerator PartsInformation provided by US distributor Calsak Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resirene-Resirene-6220-High-Impact-Polystyrene.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--|--|------------|
| Specific Gravity | 1.04 g/cc | 1.04 g/cc | ASTM D792 |
| Linear Mold Shrinkage | 0.0030 - 0.0070 cm/cm | 0.0030 - 0.0070 in/in | ASTM D955 |
| Melt Flow | 3.8 g/10 min @Load 5.00 kg, Temperature 200 °C | 3.8 g/10 min @Load 11.0 lb, Temperature 392 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|---------------|----------------------|
| Tensile Strength at Break | 21.4 MPa | 3100 psi | ASTM D638 |
| Tensile Strength, Yield | 22.8 MPa | 3310 psi | ASTM D638 |
| Elongation at Break | 60 % | 60 % | ASTM D638 |
| Tensile Modulus | 1.931 GPa | 280.1 ksi | ASTM D638 |
| Izod Impact, Notched | 0.910 J/cm | 1.70 ft-lb/in | 0.5 in.; ASTM D256 |
| | 1.07 J/cm | 2.00 ft-lb/in | 0.125 in.; ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 78.0 °C | 172 °F | ASTM D648 |
| Flammability, UL94 | HB | HB | |

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