

Chevron Phillips EB6755 Rubber Modified Polystyrene

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

Material Notes:

DescriptionChevron EB6755 is an extrusion grade, high impact polystyrene developed for use in packaging applications. It is designed for exceptional environmental stress-crack resistance and practical toughness. Chevron EB6755 natural complies with Food Additive Regulation 21CFR177.1640 for polystyrene and rubber modified polystyrene, which states that such materials may be safely used in contact with foods.**Applications**Chevron EB6755 is particularly well suited for containers and lids used for packaging stress-crack aggressive food products (yogurt, sour cream, delicatessen salads, dips, etc.) and applications requiring excellent practical toughness such as multiple use lids.**Information provided by Chevron Phillips Chemical Company.**The Chevron Phillips polystyrene product line was transferred to Americas Styrenics in 2008.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-EB6755-Rubber-Modified-Polystyrene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|-------------------------|
| Density | 1.03 g/cc | 0.0372 lb/in ³ | ASTM D792 |
| Melt Flow | 3.2 g/10 min | 3.2 g/10 min | Condition G; ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|-------------------------------------|--|--|
| Hardness, Rockwell R | 81 | 81 | ASTM D785 |
| Tensile Strength at Break | 17.9 MPa | 2600 psi | at 2.0 in/min, Tested using a 50 mil. Sheet; ASTM D638 |
| Tensile Strength, Yield | 17.9 MPa | 2600 psi | at 2.0 in/min, Tested using a 50 mil. sheet; ASTM D638 |
| Elongation at Break | 85 % | 85 % | Tested using a 50 mil. Sheet; ASTM D638 |
| Tensile Modulus | 1.65 GPa | 240 ksi | Tested using a 50 mil. Sheet; ASTM D638 |
| Izod Impact, Notched | 1.01 J/cm | 1.90 ft-lb/in | 1/4 in. at 73°F; ASTM D256 |
| | 1.17 J/cm | 2.20 ft-lb/in | 1/8 in.; ASTM D256 |
| | 0.694 J/cm @Temperature -17.8 °C | 1.30 ft-lb/in @Temperature 0.000 °F | 0.125 in (3.2 mm) sample; ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|--------------------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 85.0 °C | 185 °F | Unannealed specimen; ASTM D648 |
| Vicat Softening Point | 102 °C | 215 °F | ASTM D1525 |

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