

Chevron Phillips EA3025 Crystal Polystyrene (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

High heat crystal polystyrene.Applications:Foam egg cartonsFoam meat traysInsulation boardBi-axially oriented sheetFeatures:Ultra-high molecular weight homopolymerHigh Vicat softening temperatureNarrow molecular weight distributionGood toughnessInformation provided by Chevron PhillipsThe 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-EA3025-Crystal-Polystyrene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D-792
Bulk Density	0.609 - 0.673 g/cc	0.0220 - 0.0243 lb/in ³	
Linear Mold Shrinkage	0.0040 - 0.0080 cm/cm	0.0040 - 0.0080 in/in	24 hours; ASTM D-955
Melt Flow	1.4 g/10 min @Load 5.00 kg, Temperature 200 °C	1.4 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	0.2 in/min; 0.050" thickness; ASTM D-638
Elongation at Yield	4.0 %	4.0 %	0.2 in/min; 0.050" thickness; ASTM D-638
Tensile Modulus	3.38 GPa	490 ksi	0.2 in/min; 0.050" thickness; ASTM D-638
Flexural Strength	83.0 MPa	12000 psi	0.1 in/min; 0.250" thickness; ASTM D-790B
Flexural Modulus	3.17 GPa	460 ksi	0.1 in/min; 0.250" thickness; ASTM D-790B
Izod Impact, Notched	0.190 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	0.356 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	92.0 °C @Thickness 6.35 mm	198 °F @Thickness 0.250 in	ASTM D-648
Vicat Softening Point	108 °C @Thickness 6.35 mm	226 °F @Thickness 0.250 in	Rate B; ASTM D-1525

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