

Chevron Phillips K-Resin® XK44 SBC

Category : Polymer , Thermoplastic , Styrene-Butadiene

Material Notes:

K-Resin® Styrene-Butadiene Copolymer (SBC) Applications: Thermoformed clam shell packaging Thermoformed blister packs Thermoformed medical trays Blow molded products Features: Good clarity Good stiffness Good formability Good toughness High surface gloss Information provided by Chevron Phillips

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-K-Resin-XK44-SBC.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.01 g/cc	1.01 g/cc	ASTM D-792
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D-1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ASTM D-2240
Tensile Strength, Yield	21.0 MPa	3050 psi	Type 1 @ 2.0 in/min; ASTM D-638
Elongation at Break	350 %	350 %	ASTM D-638
Flexural Strength	34.0 MPa	4930 psi	1.0 in/min; 0.125" thickness; ASTM D-790
Flexural Modulus	1.05 GPa	152 ksi	1.0 in/min; 0.125" thickness; ASTM D-790
Izod Impact, Notched	0.283 J/cm	0.530 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 22.8 °C	@Thickness 0.125 in, Temperature 73.0 °F	
Impact Test	44.0 J	32.5 ft-lb	150 in/sec; ASTM D-3763
	@Thickness 3.17 mm, Temperature 22.8 °C	@Thickness 0.125 in, Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	51.0 °C	124 °F	ASTM D-648
Vicat Softening Point	76.0 °C	169 °F	ASTM D-1525

Optical Properties	Metric	English	Comments
Transmission, Visible	92 %	92 %	ASTM D-1003

Optical Properties	Metric	English	Comments
--------------------	--------	---------	----------

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