

Kraton® G7720 GI-N (SEBS) Compound

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G7720 GI-N is an easy processing, general purpose 57 Shore a hardness material designed for a wide variety of applications. It is supplied from North America in the physical forms identified: Kraton G7720 GI-N - supplied as a dense, natural color pellet
Region: North America; Asia Pacific; Europe; Japan; and South America
Applications: Compounding and Personal Hygiene; Adhesives, Sealant and Coatings; Bitumen Modification; Footwear; and Impact Modification
Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G7720-GI-N-SEBS-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 - 1.25 g/cc	1.15 - 1.25 g/cc	BAM 1014

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52 - 62	52 - 62	BAM 1003
Tensile Strength	5.51 MPa	799 psi	Machine direction; ASTM D412
	12.9 MPa	1870 psi	After Heat Aging 158 hrs at 150°C; ASTM D412
Elongation at Break	700 %	700 %	Machine direction; ASTM D412
	825 %	825 %	After Heat Aging 158 hrs at 150°C; ASTM D573
100% Modulus	0.00137 GPa	0.199 ksi	ASTM D412
300% Modulus	0.00209 GPa	0.303 ksi	ASTM D412
Tear Strength	26.3 kN/m	150 pli	Die C; ASTM D624
Compression Set	15 %	15 %	ASTM D395B
	@Temperature 23.0 °C, Time 79200 sec	@Temperature 73.4 °F, Time 22.0 hour	
	38 %	38 %	ASTM D395B
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-63.0 °C	-81.4 °F	ASTM D746
Flame Spread	50.8 mm/min	2.00 in/min	FVSS302/SAE J369 in/min

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	193 - 204 °C	380 - 400 °F	
Front Barrel Temperature	204 - 216 °C	400 - 420 °F	
Nozzle Temperature	420 - 450 °C	788 - 842 °F	
Mold Temperature	26.7 - 65.6 °C	80.0 - 150 °F	
Injection Pressure	3.45 - 4.83 MPa	500 - 700 psi	
Back Pressure	0.689 - 1.38 MPa	100 - 200 psi	

Descriptive Properties	Value	Comments
Ozone Resistance	No cracking	100 pphm, 72 hr, 38°C, ASTM D518/1149

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