

Kraton® G2705 GU (SEBS) Compound

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Description: Kraton G2705 GU-N is an easy processing material designed for applications where FDA regulations are required. The material exhibits high resilience, low compression set, and good puncture resealing characteristics. It is also steam sterilizable. It is supplied from North America in the physical form identified: G2705 GU-N - supplied as a transparent pellet. Region: Asia Pacific, Europe, Japan, North America, and South America Applications: Compounding and Personal Hygiene Information provided by Kraton®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kraton-G2705-GU-SEBS-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.875 - 0.905 g/cc	0.875 - 0.905 g/cc	BAM 1014

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52 - 62	52 - 62	Injection molded plaque at 205°C; BAM 1003
Tensile Strength	5.79 MPa	840 psi	Injection molded plaques, Die C, Machine Direction; ASTM D412
	11.38 MPa	1651 psi	Injection molded plaques, Die C, Cross Direction; ASTM D412
Elongation at Break	650 %	650 %	Injection molded plaques, Die C, Machine Direction; ASTM D412
	>= 800 %	>= 800 %	Injection molded plaques, Specimen did not break, Die C, Cross Direction; ASTM D412
100% Modulus	0.00162 GPa	0.235 ksi	Injection molded plaques, Die C, Cross Direction; ASTM D412
	0.00193 GPa	0.280 ksi	Injection molded plaques, Die C, Machine Direction; ASTM D412
300% Modulus	0.00252 GPa	0.366 ksi	Injection molded plaques, Die C, Cross Direction; ASTM D412
	0.00289 GPa	0.419 ksi	Injection molded plaques, Die C, Machine Direction; ASTM D412
Tear Strength	27.2 kN/m	155 pli	Injection molded plaques, Die C, Machine Direction; ASTM D624
	29.8 kN/m	170 pli	Injection molded plaques, Die C, Cross Direction; ASTM D624
Compression Set	19 %	19 %	Injection molded plaque; ASTM D395B
	@Temperature 23.0 Å°C, Time 79200 sec	@Temperature 73.4 Å°F, Time 22.0 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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