

Radici Heraflex® E 3918 TPC-ET Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

TPC-ET Thermoplastic Elastomer. Lowest Modulus, Nominal Shore D/15s 35. Natural color
Processing technology: Injection molding
Information provided by Radici group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Radici-Heraflex-E-3918-TPC-ET-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	
Water Absorption	0.73 % @Time 86400 sec	0.73 % @Time 24.0 hour	MI / 08
Melt Flow	34 g/10 min @Load 2.16 kg, Temperature 230 °C	34 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	39	39	Instantaneous; ISO 868
	35 @Time 15.0 sec	35 @Time 0.00417 hour	ISO 868
Tensile Strength at Break	26.0 MPa	3770 psi	ISO 527-1/2
Elongation at Break	968 %	968 %	ISO 527 1/2
Flexural Modulus	0.0590 GPa	8.56 ksi	ISO 178/1A
Izod Impact, Notched	NB	NB	ASTM D256
Tear Strength	113 kN/m	645 pli	ASTM D1004
Abrasion	26	26	mm³; DIN 53516

Thermal Properties	Metric	English	Comments
Melting Point	180 °C	356 °F	
Vicat Softening Point	128 °C @Load 5.10 kg	262 °F @Load 11.2 lb	50°C/h
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	

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