

Polykemi AB POLYelast TPE Z800 SHF Thermoplastic Elastomer, SEBS-based

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-POLYelast-TPE-Z800-SHF-Thermoplastic-Elastomer-SEBS-based.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.017 - 0.024 cm/cm	0.017 - 0.024 in/in	With Flow; ISO 2577
	0.017 - 0.024 cm/cm	0.017 - 0.024 in/in	Across Flow; ISO 2577

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	Polykemi
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	<= 12.0 MPa	<= 1740 psi	ISO/R527
Elongation at Break	500 %	500 %	ISO/R527
100% Modulus	0.00380 GPa	0.551 ksi	ISO/R527
300% Modulus	0.00530 GPa	0.769 ksi	ISO/R527
Tear Strength	26.0 kN/m	148 pli	D624

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