

Polykemi AB POLYelast TPE Z600P Thermoplastic Elastomer, SEBS-based, Co-injection, PA-adhesion

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-Z600P-Thermoplastic-Elastomer-SEBS-based-Co-injection-PA-adhesion.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 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	60 @Time 15.0 sec	60 @Time 0.00417 hour	Polykemi
Hardness, Shore D	11 @Time 15.0 sec	11 @Time 0.00417 hour	Polykemi
Tensile Strength at Break	<= 5.00 MPa	<= 725 psi	ISO/R527
Elongation at Break	515 %	515 %	ISO/R527
100% Modulus	0.00100 GPa	0.145 ksi	ISO/R527
300% Modulus	0.00260 GPa	0.377 ksi	ISO/R527
Compression Set	8.0 % @Temperature 23.0 °C, Time 259000 sec	8.0 % @Temperature 73.4 °F, Time 72.0 hour	DIN 53517
	83 % @Temperature 70.0 °C, Time 86400 sec	83 % @Temperature 158 °F, Time 24.0 hour	DIN 53517

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 220 °C	356 - 428 °F	
Mold Temperature	20.0 - 40.0 °C	68.0 - 104 °F	
Back Pressure	0.500 - 1.50 MPa	72.5 - 218 psi	

Processing Properties	Metric	English	Comments
Descriptive Properties	Value	Comments	
Holding Pressure ()	Low	% of injection pressure	
Injection Pressure	Low		
Injection Speed ()	High		

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