

Polykemi AB POLYelast TPE S902A Thermoplastic Elastomer, SBS-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-S902A-Thermoplastic-Elastomer-SBS-based.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.015 - 0.022 cm/cm	0.015 - 0.022 in/in	With Flow; ISO 2577
	0.015 - 0.022 cm/cm	0.015 - 0.022 in/in	Across Flow; ISO 2577

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	Polykemi
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	<= 12.0 MPa	<= 1740 psi	ISO/R527
Elongation at Break	540 %	540 %	ISO/R527
100% Modulus	0.00950 GPa	1.38 ksi	ISO/R527
300% Modulus	0.0105 GPa	1.52 ksi	ISO/R527
Compression Set	66 %	66 %	DIN 53517
	@Temperature 23.0 °C, Time 259000 sec	@Temperature 73.4 °F, Time 72.0 hour	
	80 %	80 %	DIN 53517
	@Temperature 70.0 °C, Time 86400 sec	@Temperature 158 °F, Time 24.0 hour	

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	

Descriptive Properties	Value	Comments
Holding Pressure ()	Low	% of injection pressure

Injection Pressure Descriptive Properties	Low Value	Comments
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