

Shin-Etsu Silicones LIMSâ„¢ KE2090-60AB Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

KE-2090-60 is a selective self-adhesive liquid injection molding silicone. It is supplied as two components which are mixed in a 1:1 ratio to ensure easy and accurate blending. Its viscosity is low enough to allow easy pumping through most injection molding systems.FeaturesSelective self adhesionNon adhesion to metalsInsert-molding and co-injection molding availableInformation Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-LIMS-KE2090-60AB-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	
Viscosity	450000 cP	450000 cP	A
	700000 cP	700000 cP	B
Linear Mold Shrinkage	0.022 cm/cm	0.022 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength	7.30 MPa	1060 psi	
Elongation at Yield	240 %	240 %	
Tear Strength	36.0 kN/m	205 pli	
Compression Set	9.0 %	9.0 %	
	@Temperature 200 Â°C, Time 14400 sec	@Temperature 392 Â°F, Time 4.00 hour	
	53 %	53 %	
	@Temperature 150 Â°C, Time 3600 sec	@Temperature 302 Â°F, Time 1.00 hour	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	Press Cure
	@Temperature 120 Â°C	@Temperature 248 Â°F	

Descriptive Properties	Value	Comments
Appearance	Translucent	

Cure Rate Descriptive Properties	154 Value	T90 (248Â°F, ODR) Comments
	94	T10 (248Â°F, ODR)
Regulatory Testing	Class VI	

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