

Shin-Etsu Silicones LIMSâ„¢ KE1950-10A/B Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

KE-1950-10 is a liquid injection molding silicone. It is supplied as two components which are mixed in a 1:1 ratio to ensure easy and accurate blending. It's viscosity is low enough to allow easy pumping through most injection molding systems. Features Rapid cure time at elevated temperature Long pot life at room temperature Applications O-rings Diaphragms Capping Rubber rollers Connector packings Other electrical parts Information Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-LIMS-KE1950-10AB-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Viscosity	60000 cP	60000 cP	A
	60000 cP	60000 cP	B
Linear Mold Shrinkage	0.023 cm/cm	0.023 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	13	13	
Tensile Strength	3.90 MPa	566 psi	
Elongation at Yield	700 %	700 %	
100% Modulus	0.000207 GPa	0.0300 ksi	
Tear Strength	10.0 kN/m	57.1 pli	
Compression Set	8.0 %	8.0 %	
	@Temperature 200 Â°C, Time 14400 sec	@Temperature 392 Â°F, Time 4.00 hour	
	12 %	12 %	
	@Temperature 150 Â°C, Time 3600 sec	@Temperature 302 Â°F, Time 1.00 hour	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	Press Cure
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	60.0 min	1.00 hour	Post Cure
	@Temperature 150 Â°C	@Temperature 302 Â°F	

Processing Properties	Metric	English	Comments
Descriptive Properties	Value		Comments
Appearance	Translucent		
Cure Rate	38		T10 (302°F, ODR)
	86		T90 (302°F, ODR)
Regulatory Testing	Class VI, FDA		

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