

Shin-Etsu Silicones LIMSâ„¢ KE1950-35A/B Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

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-KE1950-35AB-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	
Viscosity	500000 cP	500000 cP	A
	500000 cP	500000 cP	B
Linear Mold Shrinkage	0.022 cm/cm	0.022 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	36	36	
Tensile Strength	9.80 MPa	1420 psi	
Elongation at Yield	700 %	700 %	
100% Modulus	0.000745 GPa	0.108 ksi	
Tear Strength	30.0 kN/m	171 pli	
Compression Set	4.0 %	4.0 %	
	@Temperature 200 Â°C, Time 14400 sec	@Temperature 392 Â°F, Time 4.00 hour	
	36 %	36 %	
	@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	

Descriptive Properties	Value	Comments
Appearance	Translucent	

Descriptive Properties	Value	Comments
Cure Date	34	T10 (302Â°F, ODR)
	40	T90 (302Â°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