

## Shin-Etsu Silicones LIMSâ„† KEG2002-50A/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-KEG2002-50AB-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-LIMS-KEG2002-50AB-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	
Viscosity	750000 cP	750000 cP	A
	750000 cP	750000 cP	B
Linear Mold Shrinkage	0.026 cm/cm	0.026 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	51	51	
Tensile Strength	11.0 MPa	1600 psi	
Elongation at Yield	500 %	500 %	
100% Modulus	0.00172 GPa	0.249 ksi	
Tear Strength	39.0 kN/m	223 pli	
Compression Set	7.0 %	7.0 %	
	@Temperature 200 Â°C, Time 14400 sec	@Temperature 392 Â°F, Time 4.00 hour	
	32 %	32 %	
	@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 150 Â°C	@Temperature 302 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	28	T10 (302°F, ODR)
	39	T90 (302°F, ODR)

## Contact Songhan Plastic Technology Co.,Ltd.

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