

## Shin-Etsu Silicones LIMSâ„† KE2004-5A/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-KE2004-5AB-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-LIMS-KE2004-5AB-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Viscosity	1.40e+6 cP	1.40e+6 cP	B
	1.70e+6 cP	1.70e+6 cP	A
Linear Mold Shrinkage	0.023 cm/cm	0.023 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	5.0	5.0	
Tensile Strength	2.10 MPa	305 psi	
Elongation at Yield	870 %	870 %	
100% Modulus	0.000152 GPa	0.0220 ksi	
Tear Strength	9.00 kN/m	51.4 pli	
Compression Set	30 %	30 %	
	@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	
	60.0 min	1.00 hour	Post Cure
	@Temperature 150 Â°C	@Temperature 302 Â°F	

Descriptive Properties	Value	Comments
Appearance	Translucent	
Cure Rate	28	T10 (302Â°F, ODR)
	47	T90 (302Â°F, ODR)

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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