

Shin-Etsu Silicones LIMSâ„¢ KE2004- 10A/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-KE2004-10AB-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	
Viscosity	800000 cP	800000 cP	B
	1.30e+6 cP	1.30e+6 cP	A
Linear Mold Shrinkage	0.023 cm/cm	0.023 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	9.0	9.0	
Tensile Strength	2.80 MPa	406 psi	
Elongation at Yield	580 %	580 %	
100% Modulus	0.000179 GPa	0.0260 ksi	
Tear Strength	10.0 kN/m	57.1 pli	
Compression Set	22 %	22 %	
	@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	24	T10 (302Â°F, ODR)
	51	T90 (302Â°F, ODR)

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