



Shincor LIM KE1950-60

Shincor Silicones, Inc. - Silicone

Tuesday, July 01, 2008

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• General Purpose
Agency Ratings	• FDA Unspecified Rating • USP Class VI
Appearance	• Translucent
Forms	• Liquid

ASTM and ISO Properties ¹

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.14 g/cm ³	ASTM D792
Molding Shrinkage (Flow)	190 %	ASTM D955
Elastomers	Nominal Value Unit	Test Method
Tensile Stress at 100%	2.30 MPa	ASTM D412
Tensile Strength at Yield	7.80 MPa	ASTM D412
Elongation at Break	380 %	ASTM D412
Tear Strength	35 kN/m	ASTM D624
Hardness	Nominal Value Unit	Test Method
Durometer Hardness (Shore A)	60	ASTM D2240
Thermoset	Nominal Value Unit	
Post Cure Time (150 °C)	1.0 hr	

Additional Properties

Compression Set, ASTM D395, 22 hr, 302°F, Specimen post-cured 1 hr at 302°F: 22%
Compression Set, ASTM D395, 22 hr, 302°F, Specimen post-cured 4 hrs at 392°F: 8%
Viscosity, Part A: 730 Pa.s
Viscosity, Part B: 740 Pa.s
Cure Rate, ODR, 302°F, T10: 39 sec
Cure Rate, ODR, 302°F, T90: 64 sec
Press Cure, 5 min at 248°F

Notes

¹ Typical properties: these are not to be construed as specifications.