

## Shincor LIM KE1950-60

Shincor Silicones, Inc. - Silicone

Tuesday, July 01, 2008

General Information				
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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 <sup>1</sup>			
Physical	Nominal Value Unit	Test Method	
Specific Gravity	1.14 g/cm <sup>3</sup>	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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

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