

Dow Corning 3631 PART A&B KIT

Category : Polymer , Thermoset , Silicone

Material Notes:

Two-part, solvent free, heat-cured liquid silicone rubber. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-3631-PART-AB-KIT.php

Physical Properties	Metric	English	Comments
Viscosity	90000 cP	90000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	19	19	
Tensile Strength, Ultimate	5.000 MPa	725.2 psi	
Elongation at Break	800 %	800 %	
Modulus of Elasticity	0.000280 GPa	0.0406 ksi	at 150% elongation
Tear Strength	16.0 kN/m	91.4 pli	

Processing Properties	Metric	English	Comments
Cure Time	0.250 min	0.00417 hour	
	@Temperature 130 °C	@Temperature 266 °F	
	0.500 min	0.00833 hour	
	@Temperature 110 °C	@Temperature 230 °F	
Pot Life	2.50 min	0.0417 hour	
	@Temperature 80.0 °C	@Temperature 176 °F	
	45 min	45 min	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	
Mix Ratio (X:1)	100	Base to Catalyst ETN

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