

ACC QGel 315 QSI Quantum Silicones General Purpose Silicone Gel

Category : Polymer , Thermoset , Silicone

Material Notes:

QGel 315 is a clear, very soft, tough moderately cross-linked silicone polymer. Silicone gels are used to provide protection from vibration and thermal or mechanical shock. Silicone gels also provide excellent moisture protection. Key Features: 24 hour room temperature cure One to one mix ratio Soft but resilient Heat cure required Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-QGel-315-QSI-Quantum-Silicones-General-Purpose-Silicone-Gel.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	"B" component
	0.970 g/cc	0.970 g/cc	"A" component
Viscosity	1000 cP	1000 cP	"B" component
	1000 cP	1000 cP	"A" component
Storage Temperature	<= 38.0 °C	<= 100 °F	12 months

Mechanical Properties	Metric	English	Comments
Penetration	5.0 - 9.0	5.0 - 9.0	mm, 30 mins @ 150°C

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Processing Properties	Metric	English	Comments
Cure Time	15.0 - 30.0 min	0.250 - 0.500 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	45.0 - 60.0 min	0.750 - 1.00 hour	
	@Temperature 100 °C	@Temperature 212 °F	
	120 - 240 min	2.00 - 4.00 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Gel Time	>= 1440 min	>= 1440 min	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Transparent Value	"A" component Comments
	Transparent	"B" component

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