

## ACC QGel 300 QSI Quantum Silicones High Strength Gel

Category : Polymer , Thermoset , Silicone

**Material Notes:**

QGel 300 is a clear, very soft, tough, moderately cross-linked, silicone polymer. Silicone gels are used to provide protection from vibration, thermal or mechanical shock. Silicone gels also provide excellent moisture protection. Key Features: Soft, with considerably higher strength than general purpose gels One to one mix ratio 24 hour room temperature cure Dispensing equipment not necessary Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ACC-QGel-300-QSI-Quantum-Silicones-High-Strength-Gel.php](http://www.lookpolymers.com/polymer_ACC-QGel-300-QSI-Quantum-Silicones-High-Strength-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	"A" component
	2000 cP	2000 cP	"B" 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	204 °C	399 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	19.6 kV/mm	499 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 150 °C	@Temperature 302 °F	
	60.0 min	1.00 hour	
	@Temperature 100 °C	@Temperature 212 °F	
	1200 min	20.0 hour	
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Processing Properties	Metric	English	Comments
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Descriptive Properties	Value	Comments
Color	Transparent	"A" component
	Transparent	"B" component

## Contact Songhan Plastic Technology Co.,Ltd.

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