

## ACC QSi 430 QSI Quantum Silicones Silicone Potting Material (discontinued \*\*)

Category : Polymer , Thermoset , Silicone

**Material Notes:**

Part of the Amber Chemical Group. Data provided by manufacturer.Characteristics: 100% solid, quick curing, flame retardant, great adhesion to a variety of substrates.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ACC-QSi-430-QSI-Quantum-Silicones-Silicone-Potting-Material-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ACC-QSi-430-QSI-Quantum-Silicones-Silicone-Potting-Material-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	"B" component
	1.41 g/cc	1.41 g/cc	"A" component
Viscosity	20000 cP	20000 cP	"B" component
	20000 cP	20000 cP	"A" component

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	catalyzed
Tensile Strength, Yield	>= 2.80 MPa	>= 406 psi	catalyzed
Elongation at Break	>= 100 %	>= 100 %	catalyzed
Tear Strength	>= 2.63 kN/m	>= 15.0 pli	catalyzed

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.300 W/m-K	2.08 BTU-in/hr-ft <sup>2</sup> -°F	
Flammability, UL94	V-1	V-1	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-0	V-0	
	@Thickness 3.00 mm	@Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	
Dielectric Constant	3.0	3.0	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	18.9 kV/mm	480 kV/in	

Electrical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Pot Life	6.0 - 10 min	6.0 - 10 min	anti-slump

Descriptive Properties	Value	Comments
Color	Beige	"B" component
	Black	"A" component

## Contact Songhan Plastic Technology Co.,Ltd.

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