

ACC QLE 1039 QSI Quantum Silicones 40 Durometer Addition Cure Elastomer for Coating

Category : Polymer , Thermoset , Silicone

Material Notes:

QLE 1039 is a 100% silicone solids elastomer designed for fabric or cloth coating applications. This two-component system offers a tough coating with excellent adhesion and fast cure. Key Features: 100% solids Long open time Excellent adhesion Tough, resilient coating 1:1 mix ratio Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-QLE-1039-QSI-Quantum-Silicones-40-Durometer-Addition-Cure-Elastomer-for-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	"B" component
	1.02 g/cc	1.02 g/cc	"A" component
Viscosity	18000 cP	18000 cP	"B" component
	31000 cP	31000 cP	"A" component
Storage Temperature	<= 38.0 °C	<= 100 °F	12 months

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	44	44	cured 60 mins @ 150°C
Tensile Strength, Yield	5.52 MPa	801 psi	cured 60 mins @ 150°C
Elongation at Break	200 %	200 %	cured 60 mins @ 150°C
100% Modulus	0.00324 GPa	0.470 ksi	Young's, cured 60 mins @ 150°C

Processing Properties	Metric	English	Comments
Gel Time	>= 4320 min	>= 4320 min	

Descriptive Properties	Value	Comments
Color	Blue	"B" component
	Translucent	"A" component

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