

ACC QLE 1031 QSI Quantum Silicones 25 Durometer Addition Cure Elastomer for Coating

Category : Polymer , Thermoset , Silicone

Material Notes:

QLE 1031 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 Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-QLE-1031-QSI-Quantum-Silicones-25-Durometer-Addition-Cure-Elastomer-for-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	"B" component
	1.18 g/cc	1.18 g/cc	"A" component
Viscosity	1200 cP	1200 cP	"B" component
	25000 cP	25000 cP	"A" component
Storage Temperature	<= 38.0 °C	<= 100 °F	12 months

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25	25	cured 20 mins @150°C
Tensile Strength, Yield	1.70 MPa	247 psi	cured 20 mins @150°C
Elongation at Break	150 %	150 %	cured 20 mins @150°C

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

Descriptive Properties	Value	Comments
Color	Clear	"B" component
	White	"A" component

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