

## ACC QLE 1050 QSI Quantum Silicones 30 Durometer Clear, Addition Cure, 1-part Elastomer for Coating

Category : Polymer , Thermoset , Silicone

### Material Notes:

QLE 1050 is a 100% silicone solids elastomer designed for use as a conformal coating, but can also be used for cloth coating applications.

Key Features: 100% solids Transparent, ideal for pigmentation Fast cure at elevated temperatures Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ACC-QLE-1050-QSI-Quantum-Silicones-30-Durometer-Clear-Addition-Cure-1-part-Elastomer-for-Coating.php](http://www.lookpolymers.com/polymer_ACC-QLE-1050-QSI-Quantum-Silicones-30-Durometer-Clear-Addition-Cure-1-part-Elastomer-for-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
Viscosity	500 cP	500 cP	
Storage Temperature	<= 4.44 °C	<= 40.0 °F	6 months

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	cured 10 mins @ 150°C

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.140 W/m-K	0.972 BTU-in/hr-ft <sup>2</sup> -°F	cured 10 mins @ 150°C
Maximum Service Temperature, Air	204 °C	399 °F	cured 10 mins @ 150°C
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	cured 10 mins @ 150°C

Optical Properties	Metric	English	Comments
Refractive Index	1.40	1.40	cured 10 mins @ 150°C
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	
	@Temperature 200 °C	@Temperature 392 °F	
	<= 60.0 min	<= 1.00 hour	
	@Temperature 150 °C	@Temperature 302 °F	

Descriptive Properties	Value	Comments
Color	Clear/Light Brown	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China