

ACC QM 100 QSI Quantum Silicones Clear 30 Durometer Condensation Cure Material

Category : Polymer , Thermoset , Silicone

Material Notes:

QM 100 is a two component, room temperature condensation cure silicone material. The cured rubber is a crystal clear material designed specifically for the special effects market. The materials' clarity allows for its' use as fake ice, fake glass or any application where clarity is required. Key Features:Low ViscosityClarityFast demold time Clear, pigment ableApplications: Special effects Fake ice Fake glass Applications where pigment is required. Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-QM-100-QSI-Quantum-Silicones-Clear-30-Durometer-Condensation-Cure-Material.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	Uncatalyst QM CAT 100
	0.970 g/cc	0.970 g/cc	Uncatalyst QM 100
Viscosity	20 cP	20 cP	Uncatalyst QM CAT 100
	600 cP	600 cP	Uncatalyst QM 100
Linear Mold Shrinkage	<= 0.0030 cm/cm	<= 0.0030 in/in	Cured
	@Temperature 25.0 °C, Time 259000 sec	@Temperature 77.0 °F, Time 72.0 hour	
Storage Temperature	<= 38.0 °C	<= 100 °F	6 months

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	Cured
	@Temperature 25.0 °C, Time 259000 sec	@Temperature 77.0 °F, Time 72.0 hour	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

Processing Properties	Metric	English	Comments
Dry Time	4 - 6 hour	4 - 6 hour	Demold time, catalyzed
Pot Life	>= 35 min	>= 35 min	Snap Time, catalyzed

Descriptive Properties	Value	Comments
Color	Clear	Uncatalyzed, QM 100

Descriptive Properties

Value

Commentsed, QM CAT 100

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