

ACC QM 260 QSI Quantum Silicones 60 Durometer Addition Cure Moldmaking Material

Category : Polymer , Thermoset , Silicone

Material Notes:

QM 260 is a two component, room temperature addition cure silicone material. The cured rubber has excellent mechanical properties and good shelf-life stability. This material is a good choice for the molding of furniture, picture frames and architectural materials. QM 260 is exceptionally good where high durometer and dimensional stability are required. Key Features: High Durometer Casting resin resistance Fast demold time Excellent dimensional stability Main Applications: Molds for architectural replication Molds for polyester, epoxy resin casting, and rigid or foam polyurethane Molds for technical articles and prototype Molds for furniture and picture frame replication Candy and other food molds Part of the Amber Chemical Group. Data provided by manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-QM-260-QSI-Quantum-Silicones-60-Durometer-Addition-Cure-Moldmaking-Material.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	Uncatalyzed, QM 260B
	1.34 g/cc	1.34 g/cc	Base
Viscosity	900 cP	900 cP	Uncatalyzed, QM 260B
	70000 cP	70000 cP	catalyzed with QM 260B
	114000 cP	114000 cP	Base
Linear Mold Shrinkage	<= 0.0010 cm/cm	<= 0.0010 in/in	cured 72 hrs @ RT
Storage Temperature	<= 38.0 °C	<= 100 °F	12 months

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	cured 72 hrs @ RT
Tensile Strength, Yield	5.80 MPa	841 psi	cured 72 hrs @ RT
Elongation at Break	190 %	190 %	cured 72 hrs @ RT
Tear Strength	18.4 kN/m	105 pli	B, cured 72 hrs @ RT

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Dry Time Processing Properties	8 - 12 hour Metric	8 - 12 hour English	Demold time, catalyzed with QM 260B Comments
Descriptive Properties	Value		Comments
Color	Beige		Base
	Blue		catalyzed with QM 260B
	Light Blue or Beige		Uncatalyzed, QM 260B
Work Life	60 mins		catalyzed with QM 260B

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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