

ACC Stretch Effect QSI Quantum Silicones Stretch Effect 22 Durometer Addition Cure Translucent Moldmaking Material &

Category : Polymer , Thermoset , Silicone

Material Notes:

Part of the Amber Chemical Group. Data provided by manufacturer. Characteristics: low viscosity, fast demold time, high elongation, excellent flexibility. Applications: special effects, skin replication, where pigment is required.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ACC-Stretch-Effect-QSI-Quantum-Silicones-Stretch-Effect-22-Durometer-Addition-Cure-Translucent-Moldmaking-Material-amp.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	Base
Viscosity	20000 cP	20000 cP	catalyzed with Stretch Effect B
	25000 cP	25000 cP	Base

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	22	22	cured
Tensile Strength, Yield	>= 2.80 MPa	>= 406 psi	cured
Elongation at Break	>= 1200 %	>= 1200 %	cured
Tear Strength	>= 17.5 kN/m	>= 100 pli	cured

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Processing Properties	Metric	English	Comments
Dry Time	8 - 12 hour	8 - 12 hour	Demold time, catalyzed with Stretch Effect B
Pot Life	>= 90 min	>= 90 min	catalyzed with Stretch Effect B

Descriptive Properties	Value	Comments
Color	Translucent	catalyzed with Stretch Effect B
	Translucent	Base
Linear Shrinkage, inches, max	0.1	

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