

Dow Corning HM-2510 CLEAR ASSEMBLY SEALANT

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

Material Notes:

A reactive Hot Melt silicone sealant that has immediate strength and crosslinks into a neutral cure RTV sealant. Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-HM-2510-CLEAR-ASSEMBLY-SEALANT.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	
	@Temperature 25.0 °C	@Temperature 77.0 °F	
Volatiles	<= 1.5 %	<= 1.5 %	
Viscosity	105000 cP	105000 cP	dynamic

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	
Tensile Strength, Ultimate	2.69 MPa	390 psi	
Elongation at Break	760 %	760 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

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

Processing Properties	Metric	English	Comments
Cure Time	2880 min	48.0 hour	
	@Temperature 22.0 °C	@Temperature 71.6 °F	
Pot Life	1440 min	1440 min	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	clear	

Descriptive Properties	Value	Comments
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