

EPOXY 020608-WES

FLEXIBLE, LONG WORK-LIFE, COATING

TECHNICAL DATA

Product Description

Epoxy 020608-WES is a room temperature curing two part epoxy system designed to be used for bond, seal, and/or repair applications. This product has been formulated so as to provide the user with an easy to work with two to one volume mix-ratio. Epoxy 020608-WES provides superior adhesion to a wide variety of substrates including most metals and plastics.

APPLICATIONS	FEATURES	RECOMMENDED SUBSTRATES
<ul style="list-style-type: none"> • Electronic sealing • Electronic bonding • Electronic encapsulation 	<ul style="list-style-type: none"> • Two part convenient mix ratio • Room temperature cure • Moisture resistant • Long work life 	<ul style="list-style-type: none"> • Plastics • Metals

UNCURED PROPERTIES*		
Property	Value	Test Method
Solvent Content	No Nonreactive Solvents	N/A
Chemical Class, PT A:B	Epoxy : Polyamide	N/A
Color, PT A:B	Clear : Amber	N/A
Viscosity @ 25C, cps, PT A	9,000 to 16,000	QPTTEST001
Viscosity @ 25C, cps, PT B	5,000 to 9,000	QPTTEST001
Specific Gravity, PT A	1.17	QPTTEST002
Specific Gravity, PT B	1.00	QPTTEST002

CURED MECHANICAL PROPERTIES		
Property	Value	Test Method
Durometer Hardness, Shore D	40	QPTTEST012
Moisture Resistance	Excellent	N/A
Elongation @ 25C, %	90	N/A
Water Absorption, 1hr boil, %	<1	N/A
Linear Shrinkage, %	0.98	N/A
CTE, C, -40 to 80C, ppm	65	N/A
Peak Intermittent Temperature, C	150	N/A
Thermal Conductivity, BTU in/hr-ft, F	3.2	N/A
Dielectric Strength, Volt/mil	>500	N/A
Dissipation Factor, 1KHz	0.0026	N/A
Operational Temperature Range, C	-50 to 125	N/A

CURE OVERVIEW		
Property	Value	Test Method
Mix ratio by Volume, PT B:A	2:1	N/A
Work Life @ room temperature, min	60	N/A
Cure Time @ room temperature, hr	24 to 48	N/A
Cure Time @ 65C, min	60	N/A

Storage:

Store material in cool, dry location at a temperature between 10°C to 28°C. Keep from freezing. Refer to packaging specific quote for shelf life information. Consult SDS for safe handling recommendations.

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