

Epoxies, Ect. 10-3012

Epoxy; Epoxide

Epoxies, Etc.

Message:

10-3012 is a high strength, fast setting epoxy adhesive. This epoxy adhesive and potting compound is specially formulated for high clarity, good impact strength and water resistance.

Applications:

This outstanding adhesive is ideally suited for a wide range of jewelry, industrial, structural and electrical applications. This adhesive is an excellent choice for field repairs.

Features:

- High bond strength
- Water and chemical resistant
- Good impact strength
- Convenient 1:1 mix ratio
- Room temperature cure
- Fills gaps and voids
- Fast setting

General Information		
Features	Bondability	
	Fast Cure	
	Good Adhesion	
	Good Chemical Resistance	
	Good Impact Resistance	
	High Clarity	
	High Strength	
	Low to No Water Absorption	
Uses	Adhesives	
	Electrical Parts	
	Electrical/Electronic Applications	
	Industrial Applications	
	Jewelry	
	Structural Parts	
Appearance	Clear/Transparent	
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity	5000	cP
Additional Information	Nominal Value	Unit
Operating Temperature	-40.0 to 250	°C
Uncured Properties	Nominal Value	Unit
Color	Clear/Transparent	
Mix Ratio by Weight (PBW)		
Part A	1.0	

Part B	1.0	
Mix Ratio by Volume (PBV)		
Part A	1.0	
Part B	1.0	
Density (25°C)	1.10	g/cm ³
Curing Time	2.0	hr
Pot Life	10	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	83	
Lap Shear Strength	17.2	MPa
Compression Strength	75.8	MPa
Electric Strength	24	kV/mm

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