

Hysol® EA9412

Epoxy; Epoxide

Loctite®

Message:

Hysol® EA9412 is an Epoxy; Epoxide (Epoxy) product. It can be processed by encapsulating, laminating, or potting and is available in North America. Applications of Hysol® EA9412 include adhesives/tapes and coating applications. Characteristics include:
Good Adhesion
Good Flexibility
Low Viscosity

General Information			
Features	Good Adhesion		
	Good Flexibility		
	Low Viscosity		
Uses	Adhesives		
	Bonding		
	Laminates		
Appearance	Pink		
Forms	Liquid		
Processing Method	Encapsulating		
	Laminating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Apparent Density	1.10	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Mix Ratio by Volume: 1.0			
Hardener	Mix Ratio by Weight: 25		

Mix Ratio by Weight: 100

Resin	Mix Ratio by Volume: 3.5		
Pot Life	60	min	
Thermoset Mix Viscosity	1200	cP	ASTM D2393
Demold Time (23°C)	4300	min	

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