

PREMIUM RESIN TECH.

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HIGH IMPACT Room Temperature / High Temperature Laminating System

RDR-3212 / RDH-9234

MIXING RATIO: 100 : 25 PBW

RDR-3212 is an unfilled clear epoxy room temperature cure system used in high temperature and room temperature applications. The resin is tough and strong with good heat distortion, chemical resistance and excellent adhesive and wetting quality on Kevlar, Carbon graphite and Fiberglass cloth.

TYPICAL PHYSICAL PROPERTIES:

Pot Life @ 72°F (200g mass)	165 minutes
Ratio by Weight	100 pbw to 25 pbw
Ratio by Volume	2.5 to 1
Cure Time	24 Hours
Flexural Strength @ 72°F	41,100
Flexural Modulus	1.98
Compressive Strength	17,500
Thermal Shock	72°F to -125°F
Tensile Strength, psi	12,500
Heat Distortion	300°F
Hardness, Shore "D" @ 72°F	80
Mixed Viscosity (cps@ 25 C)	4,800 cps
Density:	
Resin	9.7
Hardener	8.35
Mixed	9.2
Shelf Life Resin / Hardener	1 year

Upon Completion, the tool should be allowed to cure at ambient temperature for 24 hrs. At that point, apply an oven cure, cycle should be 50 degrees per hour (*tool temperature, not air temperature*). Not more than 5 degrees per min.

1-Hour 100F , 1-Hour 150F, 1-Hour 200F, 1-Hour 250F, 2-Hour 300F, Back down the same

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