

PREMIUM RESIN TECH.

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HIGH IMPACT ROOM / HIGH TEMPERATURE LAMINATING SYSTEM

RDR-3212 / RDH-9386-99

MIXING RATIO: 100 : 33 PBW

RDR-3212 is an unfilled clear epoxy room temperature cure system used in high temperature and room temperature applications. This resin is high impact 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)	60 minutes
Ratio by Weight	100 pbw to 33 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	325°F
Hardness, Shore "D" @ 72°F	80
Density:	
Resin	9.7
Hardener	8.0
Mixed	9.2
Specific Gravity:	
Resin	1.16
Hardener	.96
Mixed	1.11
Shelf Life Resin / Hardener	1 year

USES: Clear Laminates, carbon graphite thin skins, and vacuum bagging.

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