

# 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.

*The information herein is accurate to the best of our knowledge. Premium Resin Tech., assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.*