

# PREMIUM RESIN TECH.

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## HIGH TEMPERATURE R.T.M RESIN SYSTEM

### RDR-3121 / RDH-9234

Resin / Hardener

**MIXING RATIO : 100 PBW TO 25 PBW**

**RDR-3121** is a tough, good impact, room temperature resin system that offers excellent heat distortion for parts requiring elevated temperatures. It has excellent handling properties, stable physicals with good flow and wet-out for injection resin system. **RDR-3121** cures at room temperature in 24 hours then must be post cured if used at elevated temperatures.

### TYPICAL PHYSICAL PROPERTIES

Ratio By Weight	100 To 25 P.B.W.
Pot Life	165 Minutes
Hardness, Shore "D"	85
Flexural Strength @ 72°F	54,000
Flexural Modulus @ 72°F	6.25 X 10 <sup>6</sup>
Tensile Strength	11000 Psi
Tensile Modulus	510,000 Psi
Mixed Viscosity @ 77°F	1000 Cps
Heat Distortion	300°F
Density:	
Resin	9.6
Hardener	8.35
Mixed	9.46
Specific Gravity:	
Resin	1.18
Hardener	1.00
Mixed	1.09
Shelf Life Resin/Hardener	1 Year

*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.*