

PREMIUM RESIN TECH.

3605 – 32nd Street., Port Huron, MI 48060
(586) 530-3633 RandDResin.com

High Temperature Surface Coat

RDR-1812 / RDH-9302, RDH-9106

Resin / Hardener(s)

Mixing Ratio: 100 : 15 (with either hardener)

RDR-1812 is a high temperature room setting epoxy surface coat, with excellent chemical resistance, and highly polishable. **RDR-1812** is also carbon filled to make it lightweight, so it can also be used on carbon graphite parts.

TYPICAL PHYSICAL PROPERTIES:

Used w/:	RDH-9302	RDH-9106
Color	Black	Black
Pot Life @ 72° F (200g mass)	15 minutes	60 minutes
Viscosity	gel	gel
Ratio by Weight	100 pbw to 15 pbw	100 pbw to 15 pbw
Flexural Strength @ 72° F	15,000 psi	15,000 psi
Tensile Strength	9,500 psi	10,000 psi
Compressive Strength	15,000 psi	16,000 psi
Density		
Resin:	11.2	11.2
Hardener:	8.1	7.8
Mixed:	10.7	10.7
Specific Gravity		
Resin:	1.35	1.35
Hardener:	.98	.94
Mixed:	1.27	1.27
Heat Distortion	325°F	325°F
Hardness, Shore "D" @ 72° F	90	90
Shelf Life Resin / Hardener	1 year	1 year
Cure Schedule	24 hours	24 hours

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.