

RP 3260 R/H

BLUE EPOXY CASTING SYSTEM

Ren[®] RP 3260 resin and hardener is a blue, two-component, abrasion-resistant casting system. This silicon-carbide-filled material produces an extremely tough and abrasion-resistant surface. RP 3260 R/H can hang on a vertical surface or can be cast up to ½ inch thick.

MIX RATIO

	By Weight:	By Volume:
Resin to Hardener	100 to 9	100 to 16

TYPICAL HANDLING PROPERTIES*

	<u>ASTM Method</u>	<u>Resin</u>	<u>Hardener</u>	<u>Mixed</u>
Color	Visual	Blue	Clear amber	Blue
Specific Gravity	D-1963	1.97	1.08	
Viscosity, cP	D-2393	37,000	3,000	30,000
Gel Time, 4 fl. oz, minutes	D-2471			33

NOTE: These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Product Management Department.

RECOMMENDED CURE SCHEDULE

1. 77°F (25°C) at 7 days

TYPICAL CURED PROPERTIES*

	<u>ASTM Method</u>	<u>Cure Value</u>
Density, lb./ft ³ (g/cm ³)	D-792	119 (1.90)
Cubic Inch per Pound	D-792	14.6
Hardness, Shore D	D-2240	88
Ultimate Flexural Strength, psi	D-790	9,600
Flexural Modulus, psi	D-790	1,430,000
Ultimate Tensile Strength, psi	D-638	6,500
Tg by DMA, E", °F(°C)	D-4065	181 (83)
Deflection Temperature, °F(°C)	D-648	138 (59)
Ultimate Compressive Strength, psi	D-695	17,000
Coefficient of Thermal Expansion	D-3386	
		-22 to 86°F, in/in/°F
		-30 to 30°C, in/in/°C
Linear Shrinkage, in/in	D-2566	21.0 x 10 ⁻⁶
		37.8 x 10 ⁻⁶
		0.002

* Tested @ 77°F (25°C) unless otherwise noted.

** Molds are half round steel, 10 inches long, 0.875 inches deep

SAFETY: Do not use or handle this product until the Material Safety Data Sheet has been read and understood.

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