

RP 3266 R/H

FLEXIBLE CASTING SYSTEM

Ren[®] RP 3266 resin and hardener is a variable hardness, unfilled, two-component epoxy casting system that cures at room temperature. The degree of hardness can be altered by varying the proportion of hardener to resin. RP 3266 R/H can be cast in thicknesses up to one inch, and is ideally suited for applications requiring flexibility.

MIX RATIO	Resin to Hardener:	By Weight:	By Volume:
	Flexible	45 to 55	100 to 150
	Resilient	50 to 50	100 to 120
	Hard	55 to 45	100 to 100

TYPICAL HANDLING PROPERTIES*	ASTM Method	Mixed 45:55	Mixed 50:50	Mixed 55:45
Color	Visual	Amber	Amber	Amber
Viscosity, cP	D-2393	2,500	2,500	2,500
Gel Time, 4 fl. oz, minutes	D-2471	39	35	32

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 SCHEDULES 1. 77°F (25°C) at 7 days

TYPICAL CURED PROPERTIES*	ASTM Method	Flexible	Resilient	Hard
Density, lb./ft ³ (g/cm ³)	D-792	69 (1.10)	69 (1.10)	70 (1.12)
Cubic Inch per Pound		25.2	25.2	24.7
Hardness, Shore D	D-2240	40	60	75
Ultimate Flexural Strength, psi	D-790	Rubbery	120	2,200
Flexural Modulus, psi	D-790	Rubbery	--	80,000
Ultimate Tensile Strength, psi	D-638	Rubbery	520	2,000
Tg by DMA, E", °F(°C)	D-4065	--	102 (39)	136 (58)
Deflection Temperature, °F(°C) 264 psi	D-648	< 77	< 77	< 77
Ultimate Compressive Strength, psi	D-695	Rubbery	2,600	14,000
Linear Shrinkage, in/in**	D-2566	0.002	0.002	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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