



Waterclear Surfboard Resin

Type • This resin is a specially promoted, medium reactivity, low viscosity, orthophthalic, U.V. stabilized resin promoted for room temperature cure using Methyl Ethyl Ketone Peroxide.

Recommended Use • Surfboard Resin is specifically formulated to be used for the laminating step in hand lay-up products such as surfboard and sailboards. This resin provides superior resistance to cracking and good handling properties.

Typical Inspection of Liquid Resin

Color	Clear Blue
Monomer Content, %	37 - 41
Viscosity, Brookfield Model, LVF #3 Spindle @ 60 rpms, cps	300 - 455
Specific Gravity	1.11 - 1.13
Storage Stability @ 25°C, months	6

Typical Reactivity - 100 grams (3.53 oz) casting @ 25°C

Catalyst	1.25% MEKP - 9%
Gel Time, minutes	7 - 10

Typical Physical Properties

Clear Casting with 1.25% MEKP, overnight room temperature cure, 2 hr. post cure

Barcol Hardness	ASTM D-2583-75	40 - 42
Heat Deflection Temp. °C (°F)	ASTM D-648-72	60 (140)
Tensile Strength, psi	ASTM D-638-80	9,650
Flexural Strength	ASTM D-790-80	15,400
Flexural Modulus, psi x 105	ASTM D-790-80	5.96
Water Absorption, % 2 hr. boiling	ASTM D-570-77	1.16
Water Absorption, % 24 hr. rm. tp.	ASTM D-570-77	0.09

Disclaimer and Limitation of Warranty

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TAP Plastics Corporate Office • 3011 Alvarado Street, Suite A • San Leandro, CA 94577 • 510.895.8249 • Fax 510.895.9613
15 TAP stores in Northern California • 2 in Oregon • 3 in Washington
For the location nearest you call 1 800 246-5055