

PRODUCT CATALOG



SHOWA DENKO K.K.

13-9, Shiba Daimon 1-chome
Minato-ku, TOKYO, 105-8518, Japan

TEL: 03-5403-5600

FAX: 03-5403-5720

RIGOLAC® H-297

RIGOLAC® H-297 is unsaturated polyester resin. Its features are outstanding corrosion resistance, heat resistance and incombustibility. Regarding to the corrosion resistance, the corrosion resistance against chromic chemicals and chromic acid is excellent.

1. TYPICAL LIQUID RESIN PROPERTIES

property at 25°C	Unit	Value
Viscosity	dPa/s	4.0~6.0
Curing properties		
Co Nap 6%	part	0.5
MEKPO 55%	part	1.5
Gel Time	min	10.0-25.0

2. TYPICAL MECHANICAL PROPERTIES

Cast-Cured

	Unit	Value
Tensile strength	MPa	55
Tensile elongation at yield	%	1.5
Flexural strength	MPa	90
Flexural modulus	GPa	3.5
Barcol hardness	-	42
Heat distortion temperature	°C	114

After cure: 2 hours at 120°C/2hr

Lamination

	Unit	Value
Tensile strength	MPa	75
Flexural strength	MPa	140
Flexural modulus	GPa	5.7
Barcol hardness	-	48

After cure : 2 hours at 120°C/2hr
Formulation : CM × 3ply (CM: Chopped strand mat 450g/m²)
Glass conten : 30%

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