

# PRODUCT CATALOG



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## RIPOXY® H-600EX / H-630EX

RIPOXY® H-600EX / H-630EX is characterized by their excellent resistance to heat, acids and solvents among the RIPOXY line of corrosion resistant resins.

They have outstanding characteristics incomparable to conventional normal temperature curing type resins that are presently used for corrosion resistant applications.

Furthermore, RIPOXY® H-600EX / H-630EX offer well-balanced mechanical strength, bonding properties and electrical characteristics.

### 1. TYPICAL LIQUID RESIN PROPERTIES

property at 25°C	Unit	H-600EX	H-630EX
Viscosity	dPa/s	6.0~12.0	1.8~2.2
Curing properties			
Pro-EX 6%	part	0.5	0.5
MEKPO 55%	part	1.5	1.5
Gel Time	min	20.0-30.0	20.0-30.0

### 2. TYPICAL MECHANICAL PROPERTIES

Cast-Cured	Unit	H-600EX	H-630EX
Tensile strength	MPa	69-79	69-79
Tensile elongation at yield	%	2.5	2.5-3.0
Flexural strength	MPa	130-140	130-140
Flexural modulus	GPa	3.4-4.0	3.4-4.0
Barcol hardness	934-1	42	42
Heat distortion temperature	°C	151	137

After cure: 2 hours at 120°C/2hr

Lamination	Unit	H-600EX	H-630EX
Tensile strength	MPa	88	93
Flexural strength	MPa	126	132
Flexural modulus	GPa	7.7	7.4
Barcol hardness	934-1	50	50

After cure : 2 hours at 120°C/2hr

Formulation : CM × 3ply (CM: Chopped strand mat 450g/m<sup>2</sup>)

Glass content : 25-30%

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