

常州联拓复合材料有限公司
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197A - Hand Layup Resin

TH-197A is an bisphenol A unsaturated polyester resin with medium viscosity and high reactivity. This resin is suitable for anticorrosive floor and exhibits good corrosion resistance.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Appearance		Transparent Liquid	Visual
Chroma (Pt-Co)			GB7193.7
Acid Value	mgKOH/g	10~15	GB2895
Viscosity(25°C)	Mpa.S	380~580	GB7193.1
Gel Time	min	5'00" - 10'00"	GB7193.6
Non-Volatile	%	60-70	GB7193.3
Thermal Stability(80°C)	h	≥24	GB7193.5

Note: Gel Time is 25°C; in air bath; 0.5ml cobalt isocaprylate solution and 0.5 ml MEKP solution were added into 50 g resin

Specification for Physical Properties			
Item	Unit	Value	Standard
Barcol Hardness ≥	Barcol	38	GB3854
Tensile Strength ≥	MPa	66	GB2568
Elongation at break ≥	%	4	GB2568
Flexural Strength ≥	Mpa	80	GB2570
Impact strength ≥	KJ/M	6	GB2571
Heat deflection temperature(H.D.T) ≥	°C	79	GB1634

Note: Environmental Temperature for Experiment: 23±2°C; relative humidity: 50±5%

Packing and Storing

TH-197A: Packed in metal pail of 220 KG net weight with shelf life of 6 months at 20°C at ventilated places; avoiding direct sunlight and heat or fire.

Note: The data were tested according to GB standard. Influenced by many factors in the process of fabrication, necessary researches by user are not exclusive. Legally, no warranties for some performances of product are applicable to one specific use, and the rights to amend the materials are reserved.