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326PT - Hand Layup Resin

326PT is an unsaturated polyester resin of pre-thixotropic type made with the addition of imported silicon dioxide and other thixotropy agent. The resin has good water resistance and high mechanical properties, no sagging over the verticals, particularly applicable for manufacturing of marine and cooling tower.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Appearance		Reddish Sticky Liquid	Visual
Acid Value	mgKOH/g	17-23	GB2895-82
Viscosity (25°C)	mPa.S	300-500	GB7193.1-87
Gel Time (Spring & Fall)	min	11-19	GB7193.6-87
Gel Time (Summer)	min	30-36	GB7193.6-87
Gel Time (Winter)	min	5-9	GB7193.6-87
Non-Volatile	%	58-66	GB7193.3-87
80°C Thermal Stability	hour	≥24	GB7193.5

Note: Gel Time is 25°C; in air bath; 0.5ml cobalt isocaprylate solution and 0.5 ml MEKP solution

Performance Indexes of Resin Casting Substance			
Item	Unit	Value	Standard
Barcol hardness ≥	Barcol	40	GB3854-1983
Tensile strength ≥	MPa	60	GB2567-1995
Elongation at break ≥	%	4.0	GB2567-1995
Flexural strength ≥	MPa	80	GB2567-1995
Impact strength ≥	KJ/m ²	5	GB2571-1995
H.D.T ≥	°C	75	GB1634-1989

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

Packing and Storing

326PT is packaged in a metal drum Net weight 220KG, stored at 20 °C for six months, the corresponding increase in temperature will shorten the shelf life, storage should be placed in a cool ventilated place, avoid direct sunlight and away from heat, inflammable materials, should stay away from open flame.

Note: This data is in accordance with national standards (GB) determination, because in the process has many factors, so do not rule out the need for user-testing research, the law does not guarantee certain properties of the product is fully applicable.