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326P - Hand Layup Resin

DS-326P is an unsaturated polyester resin of pre-accelerated type. The resin has excellent fiber wettability and high mechanical properties, fast curing and easy to release the mould, particularly applicable for manufacturing of automotive parts.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Appearance		Reddish Sticky Liquid	Visual
Acid Value	mgKOH/g	16-24	GB2895
Viscosity(25°C)	Mpa.S	300-500	GB7193
Gel Time(Spring&Fall)	min	11-19	GB7193
Gel Time(Summer)	min	30-36	GB7193
Gel Time(Winter)	min	5-9	GB7193
Non-Volatile	%	60-66	GB7193
Thermal Stability(80°C)	h	≥24	GB7193

Note: Gel Time is 25°C; in air bath; 0.75ml MEKP solution were added into 50 g resin

Specification for Physical Properties			
Item	Unit	Value	Standard
Barcol Hardness ≥	Barcol	40	GB3854
Tensile Strength ≥	MPa	60	GB2567
Elongation at break ≥	%	3	GB2567
Flexural Strength ≥	Mpa	80	GB2567
Impact strength ≥	KJ/M	7	GB2567
Heat deflection temperature(H.D.T) ≥	°C	75	GB1634.2

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

Packing and Storing

DS-326P : Packed in metal drum of 220KGS Net weight with shelf life of three 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.