



DS-666

DS-666 is an unsaturated polyester resin with low styrene, which with the advantages low volatility, high toughness, good anticorrosion, particularly applicable to winding glass fibers reinforced, sand mixed pipes and glass steel products.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Type		DCPD	
Appearance		Transparent Sticky Thick Liquid	Visual
Chroma (Pt-Co)			
Acid Value	mgKOH/g	17-23	GB2895-82
Viscosity(25°C)	mPa. S	500-700	GB7193. 1-87
Gel Time	min	8-10	GB7193. 6-87
Non-Volatile	%	66-72	GB7193. 3-87
Note: Gel Time is 25° C; in air bath; 0.5 ml MEKP solution was added into 50 g resin			

Low styrene volatility, high heat resistance and goods weak chemical corrosion-resistance.

Performance Indexes of Resin Casting Substance			
Item	Unit	Value	Standard
Barcol hardness \geq	Barcol	38	GB3854-1983
Tensile strength \geq	MPa	55	GB2568-1995
Tensile modulus \geq	MPa	2800	GB2568-1995
Elongation at break \geq	%	2.8	GB2568-1995
Flexural strength \geq	MPa	80	GB2570-1995
Flexural modulus \geq	MPa	3000	GB2570-1995
Impact Modulus \geq	KJ/m ²	6	GB2571-1995
H. D. T \geq	°C	75	GB1634-1989
Note: Environmental Temperature for Experiment: 23±2° C; relative humidity: 50±5%			



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Packing and Storing

DS-666: 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.