

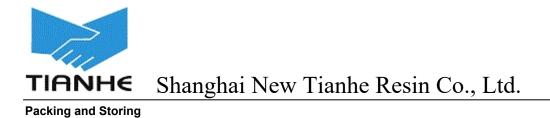
## **DS-666**

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	
Туре		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≥	Barcol	38	GB3854-1983		
Tensile strength $\geq$	MPa	55	GB2568-1995		
Tensile modulus ≥	MPa	2800	GB2568-1995		
Elongation at break≥	%	2.8	GB2568-1995		
Flexural strength≥	MPa	80	GB2570-1995		
Flexural modulus≥	MPa	3000	GB2570-1995		
Impact Modulus≥	KJ/m2	6	GB2571-1995		
H. D. T ≥	°C	75	GB1634-1989		
Note: Environmental Temperature for Experiment: $23\pm2^\circ$ C; relative humidity: $50\pm5\%$					



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.