

**常州联拓复合材料有限公司**  
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### 606 - Pultrusion Resin

DS-606 is an isophthalic type unsaturated polyester resin with medium viscosity and high reactivity, good mechanical intensity and H.D.T, as well as good toughness, applicable to pultrusion, winding and the manufacture of tent bar wares.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Appearance		Transparent Sticky Thick Liquid	Visual
Chrome (Pt-Co)			GB7193.7-92
Acid Value	mgKOH/g	14-19	GB2895-82
Viscosity(25°C)	mPa.S	460-650	GB7193.1-87
Gel Time	min	10-16	GB7193.6-87
Non-Volatile	%	60-66	GB7193.3-87
Thermal Stability(80°C)	h	≥24	GB7193.5-87

Note: Gel Time is tested under the condition of 25°C,airbath, 0.4ml cobalt isocaprylate solution and 0.4ml mekp being added into 50g resin.

Performance Indexes of Resin Casting Substance			
Item	Unit	Value	Standard
Barcol hardness≥	Barcol	40	GB3854-1983
Tensile strength ≥	MPa	60	GB2568-1995
Tensile modulus ≥	MPa	3000	GB2568-1995
Elongation at break≥	%	2.5	GB2568-1995
Flexural strength≥	MPa	90	GB2570-1995
Flexural modulus≥	MPa	3000	GB2570-1995
Impact strength≥	KJ/m <sup>2</sup>	7. 0	GB2571-1995
H.D.T ≥	°C	75	GB1634-1989

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

#### Packing and Storing

DS-606: Packed in metal pail of 220 KG net weight with shelflife of 6 months at 20°C at ventilated places; avoiding direct sunlight and heat or fire.