

**常州联拓复合材料有限公司**  
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**608N - Filament winding pipe/ Tank**

DS-608N is an Iso-phthalic type unsaturated polyester resin with medium viscosity and high reactivity, it has properties like high mechanical performance, high flexibility, high HDT, good performance of corrosive resistance, good fiber wettability. It is applicable for the manufacturing of filament frp pipe,tanks and other frp products with high performance.

Technical Indexes of Liquid Resin			
Item	Unit	Value	Standard
Appearance		Yellowish Sticky Thick Liquid	Visual
Color(Pt-Co)		40-60	GB-7193
Acid Value	mgKOH/g	16-20	GB2895
Viscosity(25°C)	mPa.S	400-600	GB7193
Gel Time	min	6-8	GB7193
Non-Volatile	%	60-63	GB7193
Thermal Stability(80°C)	h	≥24	

Note: Gel Time is 25°C; in air bath; 0.5ml cobalt isocaprylate solution and 0.5 ml MEKP solution were added into 50 g resin

Specification for Physical Properties			
Item	Unit	Value	Standard
Barcol hardness≥	Barcol	40	GB3854
Tensile strength ≥	MPa	65	GB2567
Elongation at break≥	%	4	GB2567
Flexural strength≥	MPa	95	GB2567
Impact strength≥	KJ/M	10	GB2567
H.D.T ≥	°C	80	GB1634.2

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

**Packing and Storing**

DS-608N : Packed in metal drum of 220KGS 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.