

常州联拓复合材料有限公司
CHANGZHOU UTEK COMPOSITE CO., LTD.

FuhanYuan 1-812, New North District, Changzhou 213022, Jiangsu, China
 T: 86-519-85856360; www.utekcomposite.com; info@utekcomposite.com

603N-8 - Pultrusion Resin

DS-603N-8 is an isophthalic type unsaturated polyester resin with medium viscosity and higher reactivity. Good machinability and mechanical strength. High temperature and corrosion resistance. Applicable for superior pultruded products.

Features: Fast pulling rate, good surface quality, good machinability, suitable for pulling poles and profiles.

Technical Index for Liquid Resin			
Item	Unit	Value	Standard
Appearance		Transparent Sticky Thick Liquid	
Acid Value	mgKOH/g	11-17	GB2895
Viscosity(25°C)	Mpa.S	600-900	GB7193
Gel Time	min	3-10	GB7193
Non-Volatile	%	61-67	GB7193
Thermal Stability(80°C)	h	≥24	GB7193
Note: Gel Time is 25°C; in air bath; 0.5 ml cobalt isocaprylate solution and 0.5ml MEKP solution were added into 50 g resin			

Specification for Physical Properties			
Item	Unit	Value	Standard
Barcol Hardness ≥	Barcol	40	GB3854
Tensile Strength ≥	Mpa	70	GB2567
Elongation at break ≥	%	3 3	GB2567
Flexural Strength ≥	Mpa	90	GB2567
Impact strength ≥	KJ/m ²	12	GB2567
Heat deflection temperature(H.D.T) ≥	°C	90	GB1634.2
Note: Environmental Temperature for Experiment: 23±2°C; relative humidity: 50±5%			

Package and Recommended Storage:

DS-603N-8 : 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.