



常州迈特复合材料有限公司

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**Technical Data Sheet**

**SPRAY UP RESIN (326PT)**

**Introduction**

326PT is an orthophthalic type unsaturated polyester resin, pre-accelerated and thixotropic treated. Made with addition of imported silicon dioxide and other adjuvants through thixotropy. Designed specifically for spray up process, particularly applicable for manufacturing of marine,cooling tower...

**Product Features**

- \*Fast wet out with chopped roving
- \*Thixotropic: hard to sagging on vertical surface
- \*Good water resistance
- \*Excellent mechanical properties

**Technical Data**

Item	Unit	Value	Test Standard
Appearance	/	reddish thixotropic liquid	/
Acid Value	mgKOH/g	17-23	GB2895
Viscosity(25°C)	MPa.S	200-300	GB7193
Gel Time	munites	20-35	GB7193
Non-Volatile	%	58-66	GB7193
Thermal Stability(80°C)	h	≥24	GB7193

Note: Gel Time is 25°C in air bath;  
0.75ml MEKP solution and is added into 50 g resin.

### Indexes of Resin Casting Substance

Item	Unit	Value	Test Standard
Barcol hardness	barcol	40	GB3854
Tensile strength	MPa	60	GB2567
Elongation at break	%	4.0	GB2567
Flexural strength	MPa	80	GB2567
Impact strength	KJ/m <sup>2</sup>	5	GB2567
H.D.T	°C	75	GB1634.2
Experiment Temperature: 23±2°C Relative humidity: 50±5%			

### Package

Weight/drum (kg)	Drums/pallet	Quantity per 20'container	Quantity per 40'container
220	4	80drums = 17,600kg	108drums = 23,760kg

### Storage

Shelf Time: 6 months (at 20°C environment)

Storage: 326PT resin been suggested to be stocked in ventilated place, avoids direct sunlight, heat and 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.

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