



常州迈特复合材料有限公司

Chang Zhou Matex Composites Co.,Ltd.

www.matex-frp.com info@matexcomposites.com Tel:+86 13584510068

No.8,Changwu North Road,Changzhou 213161,Jiangsu,China

Technical Data Sheet

RESIN FOR SPRAY UP (8200PT)

Introduction

8200PT is an orthophthalic type unsaturated polyester resin, pre-accelerated and thixotropic treated. Made with addition of imported silicon dioxide and other adjuvants. Designed specifically for spray up process, for production of ship,cooling tower,bathtubs,autoparts...

Product Features

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

Technical Data

Item	Unit	Value	Test Standard
Appearance	/	reddish thixotropic liquid	/
Acid Value	mgKOH/g	23-29	GB2895
Viscosity(25°C)	MPa.S	300-600	GB7193
Gel Time	munites	11-25	GB7193
Non-Volatile	%	52-58	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	50	GB2567
Elongation at break	%	5.0	GB2567
Flexural strength	MPa	90	GB2567
Impact strength	KJ/m ²	6	GB2567
H.D.T	°C	80	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: 8200PT 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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