



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 POLYMER CONCRETE (761P)**

**Introduction**

761P is a DCPD type unsaturated polyester resin with low viscosity and reactive property,preaccelerated. Good cracking resistance and toughness. Suitable for resin concrete casting products.

**Product Features**

- \*Good toughness
- \*Good cracking resistance

**Technical Data**

Item	Unit	Value	Test Standard
Appearance	/	Viscous Liquid	/
Acid Value	mgKOH/g	18-23	GB2895
Viscosity(25°C)	mPa.S	200-400	GB7193
Gel Time	munites	10-20	GB7193
Non-Volatile	%	66-71	GB7193
Thermal Stability(80°C)	h	≥24	GB7193

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

**Indexes of Resin Casting Substance**

Item	Unit	Value	Test Standard
Barcol hardness	barcol	40	GB3854
Tensile strength	MPa	50	GB2567
Tensile modulus	MPa	2200	GB2567
Elongation at break	%	2	GB2567
Flexural strength	MPa	85	GB2567
Impact strength	KJ/m <sup>2</sup>	7	GB2567
H.D.T	°C	68	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 (under 20°C environment)

Storage: 761P 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.

Legally, no warranties for some performances of product are applicable to one specific use and the rights to amend the materials are reserved.