

# En Chuan 6012

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

## Message:

This is a non-accelerator, non-wax, and non-thixotropy resin. It has the outstanding characteristic of transparency. Therefore it is particularly suitable for casting products that require high quality of glassiness.

General Information			
Features		Definition, high	
Hardness	Nominal Value		Test Method
Barcol Hardness <sup>1</sup>	35		Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	3870	MPa	ASTM D790
Flexural Strength	84.3	MPa	ASTM D790
Additional Information			
Transparent Accelerator, Co-oct (Co 6%): .5%Hardener, MEKPO (PO content, 55%): 1%			
Uncured Properties	Nominal Value	Unit	
Density (25°C)	1.11 - 1.13	g/cm <sup>3</sup>	
Viscosity (25°C)	0.30 - 0.50	Pa · s	
Gel Time (25°C)	2.5 - 5.0	min	
Cured Properties	Nominal Value	Unit	
Tensile Strength	50.0	MPa	
Tensile Elongation at Break	1.8	%	
NOTE			
1.	Barcol 934-1		

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## Recommended distributors for this material

### Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

