

En Chuan 6123TA

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

Message:

This resin contains thixotropy, accelerator, and non-waxed type resin. 6123TA shows excellent performances in fishing boat and yacht constructions. It has outstanding characteristics of non-sagging and dipping. It is particularly suitable for fishing boats, yachts and pleasure boats.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight
Features	thixotropic
Uses	Water Sports Equipment Sporting goods Fishery application

Hardness	Nominal Value	Test Method
Barcol Hardness ¹	41	Internal method

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ²	7750	MPa	ASTM D790
Flexural Strength ³	222	MPa	ASTM D790

Additional Information	Nominal Value	Unit
Thixotropic Index (25°C)	2.00 - 3.00	
Hardener, MEKPO (PO content, 55%): 1%		

Uncured Properties	Nominal Value	Unit
Density (25°C)	1.11 - 1.13	g/cm ³
Viscosity (25°C)	0.30 - 0.50	Pa·s
Gel Time (25°C)	11 - 23	min

Cured Properties	Nominal Value	Unit
Tensile Modulus ⁴	10100	MPa
Tensile Strength ⁵	129	MPa

NOTE	
1.	Barcol 934-1 , Unfilled
2.	Filled
3.	Filled
4.	Filled
5.	Filled

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Recommended distributors for this material

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