

En Chuan 6120TA-ISO

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

Message:

This is a ISOphthalic type resin. It contains accelerator and thixotropy. 6120TA-ISO is designed for special products that require high resistance in chemical, weathering, and heat distortion.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight
Features	m-benzene dimethyl
	Good chemical resistance
	Good weather resistance

Hardness	Nominal Value	Test Method
Barcol Hardness ¹	42	Internal method

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ²	8730	MPa	ASTM D790
Flexural Strength ³	227	MPa	ASTM D790

Additional Information	Nominal Value	Unit
Thixotropic Index (25°C)	1.50 - 2.50	
Red 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 ³
Viscosity (25°C)	0.40 - 0.60	Pa·s
Gel Time (25°C)	8.0 - 15	min

Cured Properties	Nominal Value	Unit
Tensile Modulus ⁴	8630	MPa
Tensile Strength ⁵	128	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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