

En Chuan 6120

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

Message:

This is an non-wax non-thixotropy, and non-accelerator resin. It has the good physical properties and excellent performance in the fabrications of pipes and tanks that apply filament winding processes.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Uses	Piping system		
	Water tank		
Hardness	Nominal Value		Test Method
Barcol Hardness ¹	40		Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus ²	8730	MPa	ASTM D790
Flexural Strength ³	216	MPa	ASTM D790
Additional Information			
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)	0.45 - 0.65	Pa·s	
Gel Time (25°C)	6.5 - 15	min	
Cured Properties	Nominal Value	Unit	
Tensile Strength ⁴	133	MPa	
NOTE			
1.	Barcol 934-1		
2.	Filled		
3.	Filled		
4.	Filled		

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