

En Chuan 6021H

Thermoset Polyester

En Chuan Chemical Industries Co., Ltd.

Message:

This is a non-accelerator and non-wax type resin. It has the water clear transparency and good compatibility with pigments and fillers. This resin is specially designed for the manufacturing of buttons.

General Information			
Features	Definition, high		
Uses	Buttons		
Hardness	Nominal Value		Test Method
Barcol Hardness ¹	35		Internal method
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	3750	MPa	ASTM D790
Flexural Strength	79.4	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 ³	
Viscosity (25°C)	1.0 - 1.2	Pa·s	
Gel Time (25°C)	2.0 - 4.5	min	
Cured Properties	Nominal Value	Unit	
Tensile Strength	53.9	MPa	
Tensile Elongation at Break	1.8	%	
NOTE			
1.	Barcol 934-1		

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