

BUP 623

Thermoset Polyester
Bonyan Kala Chemie Company

Message:

- Characteristics:
- Very good adhesion to glass fibers
 - Medium viscosity
 - Very good physical and mechanical and chemical properties after curing
 - Limited shrinkage
 - Filler appropriate accountability
- Applications:
- Manufacturing of artificial stones
 - Prefabricated rooms

General Information		
Features	Good Adhesion	
	High Clarity	
	Medium Viscosity	
Uses	Building Materials	
	Decorative Parts	
Appearance	Clear/Transparent	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	< 1.0	%
Water Absorption (Equilibrium)	< 0.30	%
Acid Value	< 25.00	mg KOH/g
Gardner Color	< 1.50	
Heat Deflection Temperature	> 55	°C
Hardness	Nominal Value	Unit
Barcol Hardness	> 40	
Mechanical	Nominal Value	Unit
Tensile Strength	> 50.0	MPa
Tensile Elongation (Break)	> 4.0	%
Flexural Strength	> 120	MPa
Thermal	Nominal Value	Unit
Peak Melting Temperature	< 180	°C
Uncured Properties	Nominal Value	Unit
Solids Content	62 to 66	%
Viscosity (25°C)	0.50 to 0.70	Pa · s
Curing Time	0.12 to 0.20	hr
Gel Time ¹	12 to 17	min
NOTE		

1.

Curing condition with 0.5% Co
(1%) and 2% MEKP (50%)

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