

BUP 620

Thermoset Polyester
Bonyan Kala Chemie Company

Message:

- Characteristics:
- Very Low color
 - Excellent adhesion to glass fibers
 - Medium viscosity
 - Excellent physical and mechanical and chemical properties after curing
 - Filler appropriate accountability
- Applications:
- Manufacturing of fiberglass parts
 - Prefabricated rooms
- Reservoirs
- Goods that need high transparency
 - Structural hygienic fittings
 - General purpose

General Information		
Features	Good Adhesion	
	High Clarity	
	Medium Viscosity	
Uses	General Purpose	
	Hygiene	
Appearance	Clear/Transparent	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	< 1.3	%
Water Absorption (Equilibrium)	< 0.30	%
Acid Value	< 26.00	mg KOH/g
Gardner Color	< 1.00	
Heat Deflection Temperature	> 80	°C
Hardness	Nominal Value	Unit
Barcol Hardness	> 44	
Mechanical	Nominal Value	Unit
Tensile Strength	> 70.0	MPa
Tensile Elongation (Break)	> 3.0	%
Flexural Strength	> 130	MPa
Thermal	Nominal Value	Unit
Peak Melting Temperature	< 200	°C
Uncured Properties	Nominal Value	Unit
Solids Content	59 to 65	%
Viscosity (25°C)	0.40 to 0.65	Pa · s

Curing Time	0.10 to 0.20	hr
Gel Time ¹	12 to 18	min

NOTE

1. Curing condition with 1.4% Co
(1%) and 1.7% MEKP (50%)

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