

BUP 615

Thermoset Polyester
Bonyan Kala Chemie Company

Message:

- Characteristics:
- Low color
 - Good adhesion to glass fibers
 - Medium viscosity
 - Good physical and mechanical properties after curing
- Applications:
- Manufacturing of fiberglass parts
 - Manufacturing of mastic
 - Prefabricated rooms
 - General purpose

General Information		
Features	Good Adhesion	
	Medium Viscosity	
Uses	General Purpose	
Appearance	Clear/Transparent	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	< 1.5	%
Water Absorption (Equilibrium)	< 0.28	%
Acid Value	< 28.00	mg KOH/g
Gardner Color	< 1.00	
Heat Deflection Temperature	> 55	°C
Hardness	Nominal Value	Unit
Barcol Hardness	> 37	
Mechanical	Nominal Value	Unit
Tensile Strength	> 55.0	MPa
Tensile Elongation (Break)	> 4.0	%
Flexural Strength	> 100	MPa
Thermal	Nominal Value	Unit
Peak Melting Temperature	< 190	°C
Uncured Properties	Nominal Value	Unit
Solids Content	61 to 65	%
Viscosity (25°C)	0.38 to 0.48	Pa · s
Curing Time	0.15 to 0.25	hr
Gel Time ¹	11 to 18	min
NOTE		

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

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