

BUP 612

Thermoset Polyester
Bonyan Kala Chemie Company

Message:

- Characteristics:
- Moderate gel time
 - Good adhesion to glass fibers
 - Medium viscosity
 - Good physical and mechanical properties after curing
 - Good flexibility and good resistant to impact
- Applications:
- Sheets
 - Reservoirs
 - General purpose

General Information		
Features	Good Adhesion	
	Good Flexibility	
	Good Impact Resistance	
	Medium Viscosity	
Uses	General Purpose	
	Sheet	
Appearance	Clear/Transparent	
	Green	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	< 1.2	%
Water Absorption (Equilibrium)	< 0.30	%
Acid Value	< 25.00	mg KOH/g
Gardner Color	Viridescent	
Heat Deflection Temperature	> 55	°C
Hardness	Nominal Value	Unit
Barcol Hardness	> 38	
Mechanical	Nominal Value	Unit
Tensile Strength	> 50.0	MPa
Tensile Elongation (Break)	> 3.0	%
Flexural Strength	> 105	MPa
Thermal	Nominal Value	Unit
Peak Melting Temperature	< 180	°C
Uncured Properties	Nominal Value	Unit
Solids Content	62 to 66	%

Viscosity (25°C)	0.55 to 0.75	Pa·s
Curing Time	0.25 to 0.42	hr
Gel Time ¹	18 to 22	min

NOTE

1. Curing condition with 2% MEKP (50%)

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