

BUP 629

Thermoset Polyester
Bonyan Kala Chemie Company

Message:

- Characteristics:
- Very Low color
 - Very good adhesion to glass fibers
 - Medium viscosity
 - Very good physical and mechanical and chemical properties after curing
 - Good flexibility and good resistant to impact
- Applications:
- Structural hygienic fittings
 - Goods that need high transparency
 - Insulation of electrical parts

General Information		
Features	Good Adhesion	
	Good Flexibility	
	Good Impact Resistance	
	High Clarity	
	Medium Viscosity	
Uses	Electrical/Electronic Applications	
	Electronic Insulation	
	Hygiene	
Appearance	Clear/Transparent	
Physical	Nominal Value	Unit
Molding Shrinkage - Flow	< 1.1	%
Water Absorption (Equilibrium)	< 0.25	%
Acid Value	< 20.00	mg KOH/g
Gardner Color	< 1.00	
Heat Deflection Temperature	> 50	°C
Hardness	Nominal Value	Unit
Barcol Hardness	> 35	
Mechanical	Nominal Value	Unit
Tensile Strength	> 50.0	MPa
Tensile Elongation (Break)	> 4.0	%
Flexural Strength	> 100	MPa
Thermal	Nominal Value	Unit
Peak Melting Temperature	< 160	°C
Uncured Properties	Nominal Value	Unit
Solids Content	68 to 70	%

Viscosity (25°C)	0.70 to 1.0	Pa·s
Curing Time	0.18 to 0.28	hr
Gel Time ¹	25 to 32	min

NOTE

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

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