

PRODUCT INFORMATION

Glass Fiber Reinforced Grade

KOPET[®] KP133HB30BL

Polyester compound resin, Hybrid
Dimensionally stable, high elastic

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.58
Shrinkage	ASTM D955	%	0.2-0.6
Thermal			
Melting Point	ASTM D3418	°C	255
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm ²)		°C	230
HDT/A 1.82 MPa (18.6 kg/cm ²)		°C	200
Coeff. Of Linear Thermal Expansion	ASTM D696	× 10 ⁻⁴ cm/cm·°C	
Flammability	UL 94		HB
Mechanical			
Tensile Strength	23 °C ASTM D638	MPa (kg/cm ²)	117(1046)
Tensile Elongation	23 °C ASTM D638	%	5.1
Flexural Strength	23 °C ASTM D790	MPa (kg/cm ²)	164(1612)
Flexural Modulus	23 °C ASTM D790	MPa (kg/cm ²)	7190(70460)
Notched Izod Impact Strength	23 °C ASTM D256	J/m (kg cm/cm)	41(4.2)

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