

PRODUCT INFORMATION

Glass Fiber Reinforced, Flame Retardant Grade

KOPET[®] KP132G30V0BL

Polyester compound resin,

Dimensionally stable, flame retardant

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.66
Shrinkage	ASTM D955	%	0.2~0.6
Water Absorption 23℃, Equilibrium 60%RH	ASTM D570	%	0.05
Thermal			
Melt Index (250℃*2160g)	ASTM D648	g/10min	25
Melting Point	ASTM D3418	℃	255
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm ²)		℃	245
HDT/A 1.82 MPa (18.6 kg/cm ²)		℃	220
Flammability (1/32")	UL 94		V0
Mechanical			
Tensile Strength 23℃	ASTM D638	MPa (kg/cm ²)	1200
Tensile Elongation 23℃	ASTM D638	%	4.6
Flexural Strength 23℃	ASTM D790	MPa (kg/cm ²)	1800
Flexural Modulus 23℃	ASTM D790	MPa (kg/cm ²)	88000
Notched Izod Impact Strength 23℃	ASTM D256	J/m (kg cm/cm)	5.5

**KOLON PLASTICS, Inc.**