KOLON PLASTICS, INC.

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

The information provided in this data sheet is based on our present state of knowledge and is estimated by KOLON PLASTICS, Inc. This information should not be used as guaranteeing specification limits. KOLON PLASTICS, Inc. make no warranty and liability in connection with any use of this information.

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