

PRODUCT INFORMATION

Glass fiber reinforced Grade

KOPA[®] KN333G30

Polyamide 66 Compound resin

Glass fiber reinforced grade

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.36
Shrinkage	ASTM D955	%	0.3~0.4
Water Absorption 23°C, Equilibrium 60%RH	ASTM D570	%	0.4
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	250
HDT/A 1.82 MPa (18.6 kg/cm ²)		°C	247
Coeff. Of Linear Thermal Expansion	ASTM D696	× 10 ⁻⁵ cm/cm·°C	0.2
Flammability	UL 94		HB
Mechanical			
Tensile Strength 23°C	ASTM D638	kg/cm ²	1,900
Tensile Elongation 23°C	ASTM D638	%	6
Flexural Strength 23°C	ASTM D790	kg/cm ²	2,800
Flexural Modulus 23°C	ASTM D790	kg/cm ²	87,000
Notched Izod Impact Strength 23°C	ASTM D256	kg cm/cm	11
Rockwell Hardness R scale	ASTM D785	g/cc	121
Electrical			
Arc Resistance	ASTM D495	sec	135
Dielectric Constant	ASTM D150	10 ⁶ Hz	3.6
Dielectric Strength	ASTM D149	KV/mm	21

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