

PRODUCT INFORMATION
Glass fiber reinforced Grade

KOPA[®] KN333G15

Polyamide 66 Compound resin Glass fiber reinforced grade

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.24
Shrinkage	ASTM D955	%	0.5~0.8
Water Absorption 23°C, Equilibrium 60%RH	ASTM D570	%	0.4
Thermal			
Melting Point	ASTM D1525	°C	255
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm ²)		°C	245
HDT/A 1.82 MPa (18.6 kg/cm ²)		°C	235
Coeff. Of Linear Thermal Expansion	ASTM D696	°C	0.3
Flammability	UL 94	× 10.5cm/cm·°C	HB
Mechanical			
Tensile Strength 23°C	ASTM D638	kg/cm ²	1,450
Tensile Elongation 23°C	ASTM D638	%	6
Flexural Strength 23°C	ASTM D790	kg/cm ²	2,000
Flexural Modulus 23°C	ASTM D790	kg/cm ²	51,000
Notched Izod Impact Strength 23°C	ASTM D256	kg·cm/cm	8
Rockwell Hardness R scale	ASTM D785	g/cc	120
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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