

PRODUCT INFORMATION

Glass Fiber Reinforced, Halogen Free Flame Retardant Grade

KOPA[®] KN332G25VF

Polyamide 66 Compound resin,
G/F 25% reinforced, Halogen Free flame resistant

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.34
Shrinkage	ASTM D955	%	0.3-0.5
Water Absorption 23℃, Equilibrium 60%RH	ASTM D570	%	0.9
Thermal			
Melting Point	ASTM D3418	℃	260
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm ²)		℃	250
HDT/A 1.82 MPa (18.6 kg/cm ²)		℃	240
Coeff. Of Linear Thermal Expansion	ASTM D696	× 10 ⁻⁴ cm/cm·℃	0.2
Flammability (1/32")	UL 94		V0
Mechanical			
Tensile Strength 23℃	ASTM D638	MPa (kg/cm ²)	127(1300)
Tensile Elongation 23℃	ASTM D638	%	6.5
Flexural Strength 23℃	ASTM D790	MPa (kg/cm ²)	216(2200)
Flexural Modulus 23℃	ASTM D790	MPa (kg/cm ²)	7649(78000)
Notched Izod Impact Strength 23℃	ASTM D256	J/m (kg cm/cm)	78(8.0)

**KOLON PLASTICS, Inc.**