

KOPA® KN332G35VF

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN332G35VF is a Polyamide 66 (Nylon 66) product filled with 35% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated
Flame Retardant
Halogen Free

General Information	
UL YellowCard	E190675-100554590
Filler / Reinforcement	Glass Fiber,35% Filler by Weight
Additive	Flame Retardant
Features	Flame Retardant
	Halogen Free

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.70	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	137	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	8140	MPa	ASTM D790
Flexural Strength (23°C)	225	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
0.45 MPa, Unannealed	245	°C	
1.8 MPa, Unannealed	240	°C	
Peak Melting Temperature	260	°C	ASTM D3418
CLTE - Flow	2.0E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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