

KOPA® KN332G25VF

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN332G25VF is a Polyamide 66 (Nylon 66) product filled with 25% 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	E190675-100563707		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.90	%	ASTM D570

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	127	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	6.5	%	ASTM D638
Flexural Modulus (23°C)	7650	MPa	ASTM D790
Flexural Strength (23°C)	216	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
0.45 MPa, Unannealed	250	°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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