

KOPA® KN3321G15V0

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN3321G15V0 is a Polyamide 66 (Nylon 66) product filled with 15% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Rated
Flame Retardant
High Flow

General Information			
UL YellowCard	E190675-100647269		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	High Flow		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.50 to 1.0	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% Rh)	0.80	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	123	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	6370	MPa	ASTM D790
Flexural Strength (23°C)	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	240	°C	
1.8 MPa, Unannealed	235	°C	
Continuous Use Temperature	-40.0 to 130	°C	
Melting Temperature	255	°C	ASTM D1525
CLTE - Flow	3.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149

Dielectric Constant (1 MHz)	3.60		ASTM D150
Arc Resistance	130	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

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Recommended distributors for this material

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