

KOPA® KN333G15HI

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN333G15HI 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

High Strength

Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Good Impact Resistance		
	High Strength		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.80 to 1.0	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.40	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	98.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	8.0	%	ASTM D638
Flexural Modulus (23°C)	3920	MPa	ASTM D790
Flexural Strength (23°C)	157	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	235	°C	
1.8 MPa, Unannealed	200	°C	
Melting Temperature	255	°C	ASTM D1525
CLTE - Flow	5.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.40		ASTM D150
Arc Resistance	130	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method

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Recommended distributors for this material

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