

KOPA® KN333HFBL1

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN333HFBL1 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Rated
Good Flexibility
Good Toughness
Heat Stabilizer
Medium Viscosity

General Information			
Additive	Heat Stabilizer		
Features	Good Flexibility		
	Good Toughness		
	Heat Stabilized		
	Medium Viscosity		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.4 to 1.7	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	1.4	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	76.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus (23°C)	2750	MPa	ASTM D790
Flexural Strength (23°C)	118	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648A
0.45 MPa, Unannealed	210	°C	
1.8 MPa, Unannealed	70.0	°C	
Peak Melting Temperature	255	°C	ASTM D3418
CLTE - Flow	1.0E-4	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.20		ASTM D150

Arc Resistance	115	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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