KOPA® KN3321G15V0BL

Polyamide 66

Kolon Plastics, Inc.

Message:

KOPA® KN3321G15V0BL is a Polyamide 66 (Nylon 66) product filled with glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Rated
Flame Retardant

General Information			
UL YellowCard	E190675-100647269		
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Black		
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 (23°C)	113	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	6.0	%	ASTM D638
Flexural Modulus (23°C)	6320	MPa	ASTM D790
Flexural Strength (23°C)	172	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 D648A
0.45 MPa, Unannealed	240	°C	
1.8 MPa, Unannealed	235	°C	
Peak Melting Temperature	255	°C	ASTM D3418
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

Recommended distributors for this material

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