

KOPA® KN3322V0Y

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN3322V0Y is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific, Europe, Latin America, or North America.
Characteristics include:
Flame Rated
Flame Retardant
Halogen Free
Impact Resistant

General Information			
UL YellowCard	E190675-100647271		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Impact Resistance		
	Halogen Free		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3 to 1.6	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.60	%	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)	80.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	15	%	ASTM D638
Flexural Modulus (23°C)	3140	MPa	ASTM D790
Flexural Strength (23°C)	132	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	235	°C	
1.8 MPa, Unannealed	105	°C	
Peak Melting Temperature	255	°C	ASTM D1525
CLTE - Flow	7.0E-5	cm/cm/°C	ASTM D696

Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.40		ASTM D150
Arc Resistance	125	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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