

KOPA® KN333G25CRBK

Polyamide 66
Kolon Plastics, Inc.

Message:

KOPA® KN333G25CRBK is a Polyamide 66 (Nylon 66) product filled with 25% glass fiber. It is available in Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

Flame Rated

Good Dimensional Stability

High Strength

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Features	Good Dimensional Stability		
	High Strength		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.40	%	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)	157	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	8.0	%	ASTM D638
Flexural Modulus (23°C)	7550	MPa	ASTM D790
Flexural Strength (23°C)	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	250	°C	
1.8 MPa, Unannealed	247	°C	
Peak Melting Temperature	255	°C	ASTM D1525
CLTE - Flow	2.0E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	21	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.60		ASTM D150
Arc Resistance	135	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

