

KOPA® KN133G20HIBK

Polyamide 6
Kolon Plastics, Inc.

Message:
Middle viscosity, Impact Resistant, G/F 20% reinforced, Black color

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Impact resistance, good		
	Medium viscosity		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	120	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2
Flexural Modulus (23°C)	4900	MPa	ISO 178
Flexural Stress (23°C)	170	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	182	°C	ISO 75-2/A
Melting Temperature	220	°C	ISO 11357-3
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80 - 100	°C	
Drying Time - Desiccant Dryer	4.0 - 5.0	hr	
Suggested Max Moisture	< 0.050	%	
Rear Temperature	230	°C	
Middle Temperature	245	°C	
Front Temperature	250	°C	
Nozzle Temperature	255	°C	
Mold Temperature	60 - 80	°C	

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

