

KOPA® KN133G20HIBK

PA6-GF20

Kolon Industries

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	120	MPa	ISO 527
Flexural modulus, 23°C	4900	MPa	ISO 178
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	182	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	4 - 5	h	-
Processing humidity	≤0.05	%	-
Mold temperature	60 - 80	°C	-
Zone 1	230	°C	-
Zone 2	245	°C	-
Zone 3	250	°C	-
Nozzle temperature	255	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

North America, Asia Pacific