

KOPA® KN333G20BL

PA66-GF20

Kolon Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0065	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	140	MPa	ASTM D 638
Flexural Modulus	6820	MPa	ASTM D 790
Flexural Strength	220	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	49	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	245	°C	ASTM D 648
DTUL @ 264 psi	240	°C	ASTM D 648
Melting Temperature	255	°C	ASTM D 3418
Electrical properties			
ASTM Data			
Dielectric Strength, Short Time	21	kV/mm	ASTM D 149
Dielectric Constant, 1 MHz	3.6	-	ASTM D 150
Arc Resistance	135	s	ASTM D 495
Other properties			
Density	1290	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Black

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Asia Pacific