

KP 213 G20 W BL

**PBT compounded resin, G/F 20% reinforced,
weather resistance with black color**

TEST ITEM	ASTM	UNIT	VALUE	
Physical Property				
Specific Gravity	23 °C	D792	-	1.48
Water Absorption		D570	%	0.05
Mold Shrinkage	23 °C	D955	%	0.6 - 1.0
Mechanical Property				
Tensile Strength	23 °C	D638	Kg/cm ²	1,100
Tensile Elongation	23 °C	D638	%	6.0
Flexural Strength	23 °C	D790	Kg/cm ²	1,800
Flexural Modulus	23 °C	D790	Kg/cm ²	64,000
Impact Strength (Izod Notch)	23 °C	D256	Kg · cm/cm	6.0
Hardness (Rockwell)		D785	R scale	119
Thermal Property				
Melting Point		D789	°C	224
Coefficient of Linear Thermal Expansion		D696	cm/cm/°C(X10 ⁻⁴)	0.4
Heat Distortion Temperature		D648		
4.6kg/cm ²			°C	220
18.6kg/cm ²			°C	205
Flammability		UL94	UL 94	H B
Electrical Property				
Arc Resistance	23 °C	D495	sec	120
Dielectric Constant	23 °C	D150	10 ⁶ Hz	3.2
Dielectric Strength	23 °C	D149	KV/mm	30

Remark: The information provided in this data sheet is based on Kolon's knowledge and test method, therefore it can not be used as guaranteed specification limits.

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