KOLON PLASTICS, INC.

PRODUCT INFORMATION

Glass Fiber Reinforced, Halogen Free Flame Retardant Grade

SPESIN® KP212G30VFBL

PBT Compound resin,
Halogen Free, Flame retardant, G/F 30% reinforced, Black color

Property	Test Method	Units	Value
Physical			
Specific Gravity	ASTM D792	-	1.57
Shrinkage	ASTM D955	%	0.2~0.9
Water Absorption 23℃, Equilibrium 60%RH	ASTM D570	%	0.08
Thermal			
Melting Point	ASTM D3418	℃	225
Melt Index (250℃×2160g)	ASTM D648	g/10min	8.5
Heat Deflection Temperature under Load	ASTM D648		
HDT/A 0.45 MPa (4.6 kg/cm^2)		℃	220
HDT/A 1.82 MPa (18.6 kg/cm^2)		℃	210
Flammability (1/32")	UL 94		V0
Mechanical			
Tensile Strength 23℃	ASTM D638	kg/cm^2	1000
Tensile Elongation 23℃	ASTM D638	%	5
Flexural Strength 23℃	ASTM D790	kg/cm^2	1700
Flexural Modulus 23℃	ASTM D790	kg/cm^2	82000
Notched Izod Impact Strength 23℃	ASTM D256	kg·cm/cm	6.5

The information provided in this data sheet is based on our present state of knowledge and is estimated by KOLON PLASTICS, Inc. This information should not be used as guaranteeing specification limits. KOLON PLASTICS, Inc. make no warranty and liability i

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