

SPESIN® KP211DC

Polybutylene Terephthalate

Kolon Plastics, Inc.

Message:

SPESIN® KP211DC is a Polybutylene Terephthalate (PBT) product. It is available in Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E190675-100647274		
Features	General Purpose		
Uses	General Purpose		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.8 to 2.0	%	ASTM D955
Water Absorption (Equilibrium, 23°C, 60% RH)	0.080	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	60.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	25	%	ASTM D638
Flexural Modulus (23°C)	2840	MPa	ASTM D790
Flexural Strength (23°C)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	175	°C	ASTM D648A
Peak Melting Temperature	224	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	28	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.10		ASTM D150
Arc Resistance	120	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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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

