

Kolon SPESINÂ® KP212V0BLK Flame Retardant PBT Compound Resin

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Flame Retardant

Material Notes:

Flame retardant, BLACKApplications: ConnectorsInformation provided by API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-SPESIN-KP212V0BLK-Flame-Retardant-PBT-Compound-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792
Moisture Absorption at Equilibrium	0.060 %	0.060 %	60% RH; ASTM D570
Linear Mold Shrinkage	0.018 - 0.026 cm/cm	0.018 - 0.026 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	11 %	11 %	ASTM D638
Flexural Strength	98.0 MPa	14200 psi	ASTM D790
Flexural Modulus	2.628 GPa	381.2 ksi	ASTM D790
Izod Impact, Notched	0.350 J/cm	0.656 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	70.0 Âµm/m-Â°C	38.9 Âµin/in-Â°F	ASTM D696
Melting Point	224 Â°C	435 Â°F	ASTM D1525
Deflection Temperature at 0.46 MPa (66 psi)	165 Â°C	329 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	55.0 Â°C	131 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.2	3.2	ASTM D150
Dielectric Strength	25.0 kV/mm	635 kV/in	ASTM D149
Arc Resistance	85 sec	85 sec	ASTM D495

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China