

Kolon SPESINÂ® KP212G15V0BM G/F Reinforced & Flame Retardant PBT Compound Resin

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

Material Notes:

Flame retardant, paintabilityApplications: A variety of cases and connectorsInformation provided by API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-SPESIN-KP212G15V0BM-GF-Reinforced-Flame-Retardant-PBT-Compound-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.53 g/cc	1.53 g/cc	ASTM D792
Moisture Absorption at Equilibrium	0.060 %	0.060 %	60% RH; ASTM D570
Linear Mold Shrinkage	0.0060 - 0.014 cm/cm	0.0060 - 0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength	93.0 MPa	13500 psi	ASTM D638
Elongation at Break	7.0 %	7.0 %	ASTM D638
Flexural Strength	167 MPa	24200 psi	ASTM D790
Flexural Modulus	5.491 GPa	796.4 ksi	ASTM D790
Izod Impact, Notched	0.580 J/cm	1.09 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	40.0 Âµm/m-Â°C	22.2 Âµin/in-Â°F	ASTM D696
Melting Point	224 Â°C	435 Â°F	ASTM D1525
Deflection Temperature at 0.46 MPa (66 psi)	215 Â°C	419 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	178 Â°C	352 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.5	3.5	ASTM D150
Dielectric Strength	26.0 kV/mm	660 kV/in	ASTM D149

Electrical Properties

Metric

English

Comments

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