

## Kolon SPESINÂ® KP213G20WBL Glass Fiber Reinforced & Weather Resistant PBT Compound Resin

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

### Material Notes:

G/F 20% reinforced, weather resistanceApplications: Parts of electric lightInformation provided by API-Kolon.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kolon-SPESIN-KP213G20WBL-Glass-Fiber-Reinforced-Weather-Resistant-PBT-Compound-Resin.php](http://www.lookpolymers.com/polymer_Kolon-SPESIN-KP213G20WBL-Glass-Fiber-Reinforced-Weather-Resistant-PBT-Compound-Resin.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.48 g/cc	1.48 g/cc	ASTM D792
Moisture Absorption at Equilibrium	0.050 %	0.050 %	60% RH; ASTM D570
Linear Mold Shrinkage	0.0060 - 0.010 cm/cm	0.0060 - 0.010 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	119	119	ASTM D785
Tensile Strength	108 MPa	15700 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Strength	177 MPa	25700 psi	ASTM D790
Flexural Modulus	6.276 GPa	910.3 ksi	ASTM D790
Izod Impact, Notched	0.590 J/cm	1.11 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)	220 Â°C	428 Â°F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	205 Â°C	401 Â°F	ASTM D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.2	3.2	ASTM D150
Dielectric Strength	30.0 kV/mm	762 kV/in	ASTM D149

Electrical Properties

Metric :

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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