

SABIC Innovative Plastics LNP Stat-kon OCL13 PPS - LINEAR (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Stat-kon* OCL13 is a compound based on PPS - LINEAR resin containing PTFE, Carbon Fiber. Added features of this material include: Electrically Conductive. This data was supplied by SABIC-IP for the Europe-Africa-Middle East region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Stat-kon-OCL13-PPS-LINEAR-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ISO 1183
Linear Mold Shrinkage, Flow	0.00050 - 0.0025 cm/cm	0.00050 - 0.0025 in/in	on tensile bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	5 mm/min; ISO 527
Elongation at Break	1.5 %	1.5 %	5 mm/min; ISO 527
Tensile Modulus	12.6 GPa	1830 ksi	1 mm/min; ISO 527
Flexural Strength	212 MPa	30700 psi	2 mm/min; ISO 178
Flexural Modulus	11.1 GPa	1610 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ² @Temperature 23.0 Â°C	2.38 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m ² @Temperature 23.0 Â°C	11.9 ft-lb/in ² @Temperature 73.4 Â°F	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	14.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	7.78 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
CTE, linear, Transverse to Flow	52.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	28.9 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
Deflection Temperature at 1.8 MPa (264 psi)	243 Â°C	469 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/ Af

Electrical Properties	Metric	English	Comments
Surface Resistance	100 - 10000 ohm	100 - 10000 ohm	ASTM D 257

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