

## Chevron Phillips Xtel® XE5300NA Polyphenylene Sulfide Alloy (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

### Material Notes:

Xtel® XE5300NA is a high performance extrusion grade PPS based alloy developed to provide excellent mechanical strength, elongation and chemical resistance. Information provided by Chevron Phillips

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-Xtel-XE5300NA-Polyphenylene-Sulfide-Alloy-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-Xtel-XE5300NA-Polyphenylene-Sulfide-Alloy-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ISO 1183A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	ISO 527
Elongation at Yield	10 %	10 %	ISO 527
Modulus of Elasticity	2.40 GPa	348 ksi	ISO 527
Flexural Strength	100 MPa	14500 psi	ISO 178
Flexural Modulus	2.60 GPa	377 ksi	ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	ISO 180A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	93.0 °C	199 °F	ISO 75

Processing Properties	Metric	English	Comments
Melt Temperature	315 - 345 °C	599 - 653 °F	
Mold Temperature	135 °C	275 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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