



# Product Data

## PYRAMID™ SE2250

Polyphenylene Sulfide (PPS) with 30% Carbon Fiber

General	ASTM Test	US Value	SI Unit
Density	D792	0.0524 lb/in <sup>3</sup>	1.45 g/cm <sup>3</sup>
Moisture Absorption, 24 hours @ 23°C	D570	0.01%	0.01%
<b>Mechanical</b>			
Tensile Strength (Break)	D638	28.3 kpsi	195 MPa
Tensile Modulus	D638	3.63 Mpsi	25 GPa
Tensile Elongation (Break)	D638	0.8 %	0.8 %
Flexural Strength	D790	38.4 kpsi	265 MPa
Flexural Modulus	D790	4.04 Mpsi	28 GPa
Izod Impact Strength, Notched, @1/8"	D256	0.94 ft-lb/in	50 J/m
Rockwell Hardness, D scale	D785	90	90
<b>Thermal</b>			
Melting Point	DSC	536 °F	280 °C
Glass Transition Temperature (Tg)	DSC	194 °F	90 °C

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