



Pyramid™ SC100

Polyphenylene Sulfide (PPS), 35% Carbon Filled, Long Discontinuous Fiber (LDF)

General	ASTM No.	US Value	SI Unit
Filler Content (nominal value)	---	35%	
Specific Gravity	D792	1.5	
<u>Mechanical</u>			
Tensile Strength	D638	29.4 ksi	203 MPa
Tensile Modulus	D638	4.8 Msi	33 GPa
Tensile Elongation (Break)	D638	1 %	
<u>Thermal</u>			
T_m	D3418	536 °F	280 °C
Processing Temperature	---	590 – 650 °F	310 – 343 °C
Thermal Decomposition Temperature	D648	>700 °F	371 °C

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*Polymics • 2215 High Tech Rd. • State College • PA 16803 USA • TEL: (814) 357-5860
1006 Guangfu Rd. • Bade City • Taoyuan 33455 Taiwan • TEL: 886 (3) 339-8000*