

# Pyramid™ SC100

Polyphenylene Sulfide

Polymics, Ltd.

## Message:

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

General Information			
Filler / Reinforcement	Carbon Fiber,35% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	33000	MPa	ASTM D638
Tensile Strength	203	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	280	°C	ASTM D3418
Additional Information	Nominal Value	Unit	Test Method
Processing Temperature	310 to 343	°C	
Thermal Decomposition Temperature	371	°C	ASTM D648

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## Recommended distributors for this material

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