

# DynaPath™ C3830CF

Polyphenylene Sulfide

Polymer Dynamix

## Message:

Features:

Electrical conductivity

Easy to mold

Great surface appearance

Applications:

Automotive

Industrial

Electrical/Electronics

General Information	
Filler / Reinforcement	Carbon Fiber,30% Filler by Weight
Features	Conductive
	Good Processability
	Good Surface Finish
Uses	Automotive Applications
	Electrical/Electronic Applications
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	182	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	23800	MPa	ASTM D790
Flexural Strength	252	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	360	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	270	°C	ASTM D648

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