

DynaPath™ C2050CF

Polyamide 66

Polymer Dynamix

Message:

Features:

Electrical conductivity

Easy to mold

Great surface appearance

Applications:

Automotive

Industrial

Electrical/Electronics

General Information	
Filler / Reinforcement	Carbon Fiber,50% 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	1.39	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	258	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Flexural Modulus	28100	MPa	ASTM D790
Flexural Strength	379	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	96	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	253	°C	ASTM D648

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