

DynaPath™ C2045CFT

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,30% Filler by Weight PTFE Fiber,15% 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	1.41	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	183	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	18700	MPa	ASTM D790
Flexural Strength	379	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	1100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	254	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

