

DynaMix™ 4100-28CF

Polyphthalamide

Polymer Dynamix

Message:

Carbon Fiber Filled PPA Alloy

Features:

Great Chemical Resistance

Excellent Processability

Good Dimensional Stability

Applications:

Automotive

Industrial

Military

Aerospace

General Information	
Filler / Reinforcement	Carbon Fiber
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Processability
Uses	Aerospace Applications
	Automotive Applications
	Industrial Applications
	Military Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	276	MPa	ASTM D638
Tensile Elongation (Break)	3.0 to 4.0	%	ASTM D638
Flexural Modulus	24800	MPa	ASTM D790
Flexural Strength	379	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	ASTM D257

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