

EnCom PA/PPE2030GF BK43001

Polyamide + PPE

EnCom, Inc.

Message:

EnCom PA/PPE2030GF BK43001 is a Polyamide + PPE (Nylon+PPE) material filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding or profile extrusion. Primary attribute of EnCom PA/PPE2030GF BK43001: Flame Rated. Typical applications include:
Automotive
Business/Office Goods

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Uses	Automotive Applications
	Business Equipment
Appearance	Black
	Colors Available
	Natural Color
Forms	Pellets
Processing Method	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	138	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	232	°C	ASTM D648
CLTE - Flow	6.0E-6	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (3.18 mm)	HB	UL 94	

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