

DAULEN PPC GF 30

Polypropylene Impact Copolymer

Daunia Trading srl

Message:

DAULEN PPC GF 30 is an high impact copolymer polypropylene reinforced with 30% of coupled glass fiber for injection moulding, high flow rate. It is suitable for moulding of technical items that need very high impact strength, good stiffness and heat resistance. It is normally used in production of automobiles, housewares, electrical goods and all parts where high impact strength is required.

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Features	Good Impact Resistance
	Good Strength
	High Flow
	High Heat Resistance
	High Stiffness
	Impact Copolymer
Uses	Automotive Applications
	Electrical/Electronic Applications
	Household Goods

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 to 8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	65.0	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	4500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	230	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	140	°C	ASTM D648
Vicat Softening Temperature	100	°C	ASTM D1525 ¹

NOTE

1. Loading 2 (50 N)

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