

Armlen PO GF 25-1

Polyolefin reinforced with 25% fiberglass.

Main Features: Excellent dimensional stability, good surface appearance, high rigidity, excellent scratch resistance and good UV resistance. Used for car interior parts manufacturing.

Properties	Test method	Unit	Typical value
PHYSICAL-MECHANICAL			
Density	ISO 1183	kg/m ³	1070
Tensile strenght	ISO 527-1	MPa	45
Elongation at Break	ISO 527-1	%	7
Flexural Modulus	ISO 178	MPa	3500
Charpy impact strength notched at 23°C	ISO 179/1eA	kJ/m ²	37
THERMAL			
HDT, 0,45 MPa	ISO 75	°C	140
PROCESSING			
Melt Flow Rate (230 °C; 2,16 kg)	ISO 1133	g/10 min	8-12
Melt Temperature		°C	245
Mold Temperature		°C	60
Moulding Shrinkage, average	ISO 294-4	%	0.2-0.4

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