



CELSTRAN[®] PA66-GF30-02-D AF3001 NATURAL CELSTRAN® Long Fibre

Celstran® PA66-GF30-02 is a 30% long glass fiber Polyamide. This material imparts excellent impact and modulus properties that exceed that of short fiber PA66.

Product information

Resin Identification Part Marking Code	PA66-LGF30 >PA66-LGF30<		ISO 1043 ISO 11469
Typical mechanical properties			
Tensile modulus Tensile stress at break, 5mm/min Tensile strain at break, 5mm/min Flexural modulus Flexural strength Charpy notched impact strength, 23° Poisson's ratio [C]: Calculated	1.9 8600 280	MPa %	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA
Thermal properties			
Temperature of deflection under load	1.8 MPa 252	°C	ISO 75-1/-2
Physical/Other properties			
Density	1360	kg/m³	ISO 1183
Injection			
Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Min. mould temperature Max. mould temperature	2 - 4 ≤0.18	% °C	
Characteristics			
Processing	Injection Moulding		
Delivery form	Pellets		
Special characteristics	Heat stabilised or stable to heat		

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Page: 1 of 1

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