CELSTRAN® PP-GF40-02 AF3001 NATURAL

Celstran® PP-GF40-02 is a 40% long glass fiber filled Polypropylene. This material imparts excellent impact and modulus properties that exceed that of short fiber polypropylene products.
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Typical mechanical properties

Tensile Modulus	9330	MPa	ISO 527-1/-2
Stress at break, 5mm/min	149	MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.3	%	ISO 527-1/-2
Flexural Modulus	9060	MPa	ISO 178
Flexural Strength	245	MPa	ISO 178
Charpy notched impact strength, 23°C	46	kJ/m²	ISO 179/1eA

Injection

Drying Temperature	90	°C
Drying Time, Dehumidified Dryer	2	h
Processing Moisture Content	0.02	%
Max. mould temperature	70	°C

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