

CELSTRAN® PA66-GF60-02 AD3004 Black

Celstran PA66-GF60-02 AD3004 is a 60% long glass fiber, heat stabilized Polyamide. This material imparts excellent impact and modulus properties that exceed those of short fiber nylon. Celstran PA66 works extremely well in high temperature, thermally demanding applications.

Typical mechanical properties

Tensile Modulus	20500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	266 MPa	ISO 527-1/-2
Strain at break, 5mm/min	1.5 %	ISO 527-1/-2
Flexural Modulus	18500 MPa	ISO 178
Flexural Strength	450 MPa	ISO 178
Charpy notched impact strength, 23°C	61 kJ/m ²	ISO 179/1eA

Other properties

Density	1700 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	4 h
Processing Moisture Content	0.02 %

