

CELSTRAN® PA66-AF35-01 AF3003 Natural 6MM

Celstran® PA66-AF35-01 is a 35% long aramid fiber Polyamide. Natural. This material imparts excellent wear resistance along with impact and modulus properties that can only be achieved through the use of long fiber technology. This product is a shorter pellet length at 6mm.

Typical mechanical properties

Tensile Modulus	9200 MPa	ISO 527-1/-2
Stress at break, 5mm/min	125 MPa	ISO 527-1/-2
Strain at break, 5mm/min	1.95 %	ISO 527-1/-2
Flexural Modulus	8400 MPa	ISO 178
Flexural Strength	185 MPa	ISO 178
Charpy notched impact strength, 23°C	14 kJ/m ²	ISO 179/1eA

Injection

Drying Temperature	70 - 80 °C
Drying Time, Dehumidified Dryer	2 - 4 h
Processing Moisture Content	0.18 %
Max. mould temperature	80 - 100 °C

