

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	17000	MPa	ISO 527
[C] Stress at break	225	MPa	ISO 527
[C] Strain at break	1.6	%	ISO 527
[C] Charpy notched impact strength, +23°C	32	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	1560	kg/m ³	ISO 1183

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Melt temperature	285 - 295	°C	-
Mold temperature	85 - 95	°C	-

Characteristics

Processing

Injection Molding

Features

Long fiber reinforced

Delivery form

Pellets, Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

U.V. stabilized or stable to weather

Other text information

Injection molding

PA6&PA66 drying requirements: 4 hrs. @80° C.
 A dehumidifier or desiccant dryer is recommended.
 Celstran can be processed on a standard injection molding unit.
 A general purpose metering screw is recommended with a zone distribution of 40% feed, 40% transition, and 20% metering.
 A free flowing check ring assembly is recommended.

Melt Temp: 285-295°C.

Mold Temp: 85- 95°C.