

Product Texts

20% carbon fibre reinforced PA 66, heat stabilized

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	17000 / 11000	MPa	ISO 527
^[C] Stress at break	220 / 160	MPa	ISO 527
^[C] Strain at break	2.8 / 5.2	%	ISO 527
^[C] Charpy impact strength, +23°C	60 / 85	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	45 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	8 / 15	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	5 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	60 - 100	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Granules

Additives

Release agent

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information

Injection molding

PREPROCESSING; **Pretreatment**

Predrying: 4-6h / 80°C

PROCESSING ;**Processing:**

Melttemperature	290 - 310	°C
Mouldtemperature	60 - 100	°C