

Product Texts

50% glass fibre reinforced heat stabilized PA 66

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	16500 / 13000	MPa	ISO 527
^[C] Stress at break	228 / 180	MPa	ISO 527
^[C] Strain at break	2.3 / 3.3	%	ISO 527
^[C] Charpy impact strength, +23°C	90 / 94	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	70 / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	14 / 18	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	12 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E11 / 1E8	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / >1E15	Ohm	IEC 62631-3-2

[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

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