

Product Texts

Polyamide 66, 30% glass fiber reinforced, lasermarkable, for injection molding, black

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	10000 / 7500	MPa	ISO 527
^[C] Stress at break	190 / 135	MPa	ISO 527
^[C] Strain at break	0.3 / 0.7	%	ISO 527
Flexural modulus, 23°C	9000 / 6400	MPa	ISO 178
Flexural strength	290 / 215	MPa	ISO 178
^[C] Charpy impact strength, +23°C	75 / 85	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	10 / 15	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	262 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	255 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	260 / *	°C	ISO 75-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1360 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Features

Laser Markable

Delivery form

Black

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat