

Product Texts

Polyamide 66, reinforced with 35% of glass fiber, heat stabilized, for injection moulding, 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	0.9 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	11300 / 7800	MPa	ISO 527
^[C] Stress at break	200 / 125	MPa	ISO 527
^[C] Strain at break	3 / 6.2	%	ISO 527
Flexural modulus, 23°C	9650 / 6650	MPa	ISO 178
Flexural strength	295 / 185	MPa	ISO 178
^[C] Charpy impact strength, +23°C	80 / 85	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	11 / 14	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	9 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	261 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	248 / *	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	261 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1410 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Certifications
Recycled Resin Content

Delivery form
Black

Applications
Automotive

Special Characteristics
Heat stabilized or stable to heat