

Product Texts

Flame retardant polyamide PA6, reinforced with 30% of glass fibre, for injection moulding. This grade has good mechanical properties, flame retardant rating UL94 V0 and glow-wire at 960°C.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Molding shrinkage, parallel	0.1 / *	%	ISO 294-4, 2577
^[C] Molding shrinkage, normal	0.7 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	11400 / 9100	MPa	ISO 527
^[C] Stress at break	125 / 95	MPa	ISO 527
^[C] Strain at break	1.7 / 2.5	%	ISO 527
^[C] Charpy impact strength, +23°C	37 / 40	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	9 / 13	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
^[C] Temp. of deflection under load, 1.80 MPa	197 / *	°C	ISO 75-1/-2
^[C] Burning Behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
^[C] Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1620 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Natural Color