

TECHNICAL DATA SHEET

TECHNYL C 236 GN 6007 CF

Polyamide 6, for injection molding

General

Polymer type	PA6 (Polyamide 6)
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Product identification

ISO 1043 abbreviation	PA6
ISO 16396 designation	PA6,M1,S14-030

	Condition	Standard	Unit	Value
Mechanical properties	dam / cond.*			
Tensile modulus	1 mm/min	ISO 527-1/-2	MPa	3000 / -
Stress at break		ISO 527-1/-2	MPa	48 / -
Strain at break		ISO 527-1/-2	%	25 / -
Charpy notched impact strength, +23°C	+23°C	ISO 179/1eA	kJ/m²	4.5 / -

Test run at 23°C if not differently specified, DAM state (dry as moulded).
*: conditioned according to ISO 1110

Processing conditions

Drying temperature/time	80°C
Suggested max moisture	0.2 %
Rear temperature	240 - 250 °C
Middle temperature	250 - 260 °C
Front temperature	260 - 270 °C
Recommended mould temperature	60 - 90 °C

These parameters are typical of the product but should be related to the type of machinery used and to the type of moulded part.

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