

DESCRIPTION AND ATTRIBUTES	CHARACTERISTICS	APPLICATIONS
Polyamide 6, General Purpose Injection molding	General Purpose unfilled	Injection Molding
MECHANICAL PROPERTIES	VALUE UNIT	TEST STANDARD
Izod impact - notched 23°C	4.8 kJ/m ²	ISO 180
Flexural Strength	105 MPa	ISO 178
Flexural Modulus	2420 MPa	ISO 178
Tensile stress	70 MPa	ISO 527 -1/-2
Tensile strain at break	> 50 %	ISO 527 -1/-2
THERMAL PROPERTIES	VALUE UNIT	TEST STANDARD
Heat Deflection Temp. 0.45 Mpa	154.0 °C	ISO 75 -1/-2
OTHER PROPERTIES	VALUE UNIT	TEST STANDARD
Density	1.13 g/cm ³	ISO 1183

PROCESSING CONDITIONS

It is recommended to predry the material at 90 °C for 3 - 5 hours. Processing Temperature 260 - 280°C. Mold Temperature 70 - 90°C.

DISCLAIMER.

Please note that specifications are re-evaluated on a regular basis. We therefore reserve the right to modify any specification and tolerance. The test values reported are test values determined on samples taken in accordance with the testing plan on day of production. This information is based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your discretion and risk. We cannot guarantee favourable results and assume no liability in connection with its use or the use of the products described. None of this information is to be taken as a license to operate under, or a recommendation to infringe, any patents.