

Product Texts

PA 6, non-reinforced, extrusion, Blasform, impact modified, heat-ageing stabilized

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	36 / *	cm ³ /10min	ISO 1133
Temperature	300 / *	°C	-
Load	10 / *	kg	-
Molding shrinkage, parallel	1.3 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2700 / 750	MPa	ISO 527
Yield stress	75 / 39	MPa	ISO 527
Yield strain	4 / 28	%	ISO 527
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	220 / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20 / 150	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10 / 10	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	60 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	135 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1100 / -	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion, Blow Molding

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa