

**Product Texts**

PA 6, non-reinforced, extrusion, blow molding, impact modified, heat-ageing stabilized  
ISO Shortname: ISO 1874-PA 6-HI,EHR,14-010

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	1.7 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	1300 / 350	MPa	ISO 527
Yield stress	39 / -	MPa	ISO 527
Yield strain	6.3 / -	%	ISO 527
Charpy impact strength, +23°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	100 / 110	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	70 / 60	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	219 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	81 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Water absorption	7.4 / *	%	Sim. to ISO 62
Humidity absorption	2.1 / *	%	Sim. to ISO 62
Density	1040 / -	kg/m <sup>3</sup>	ISO 1183

Test specimen production	Value	Unit	Test Standard
<b>ISO Data</b>			
Injection Molding, melt temperature	260	°C	ISO 294
Injection Molding, mold temperature	80	°C	ISO 294

**Characteristics****Processing**

Other Extrusion, Blow Molding

**Regional Availability**

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

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat