

**Product Texts**

Blow Molding Grade

ISO 1043 PA6-I

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	25 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	275 / *	°C	-
Load	21.6 / *	kg	-
<sup>[C]</sup> Molding shrinkage, parallel	2.0 / *	%	ISO 294-4, 2577
<sup>[C]</sup> Molding shrinkage, normal	1.7 / *	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	1840 / 450	MPa	ISO 527
<sup>[C]</sup> Stress at 50% strain	41 / -	MPa	ISO 527
<sup>[C]</sup> Strain at break	>50 / -	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	90 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	50 / -	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
<sup>[C]</sup> Temp. of deflection under load, 1.80 MPa	55 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Temp. of deflection under load, 0.45 MPa	105 / *	°C	ISO 75-1/-2
<sup>[C]</sup> Vicat softening temperature, B	140 / *	°C	ISO 306
<sup>[C]</sup> Coeff. of linear therm. expansion, parallel	90 / *	E-6/K	ISO 11359-1/-2
<sup>[C]</sup> Coeff. of linear therm. expansion, normal	90 / *	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Humidity absorption	2.7 / *	%	Sim. to ISO 62
<sup>[C]</sup> Density	1060 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

**Characteristics****Processing**

Blow Molding

**Special Characteristics**

High impact or impact modified

**Delivery form**

Pellets

**Regional Availability**

North America, Europe, Asia Pacific

**Other text information****Blow molding**[Akulon® Fuel Lock Recommendations for Blow Moulding](#)