

**Product Texts**

High Viscosity, Lubricated, Food Contact Quality

ISO 1043 PA6

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	<b>2700 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield stress	<b>78 / -</b>	MPa	ISO 527
<sup>[C]</sup> Yield strain	<b>4.2 / -</b>	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, +23°C	<b>6.6 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Charpy notched impact strength, -30°C	<b>3.3 / -</b>	kJ/m <sup>2</sup>	ISO 179/1eA

[C]: CAMPUS

<b>Thermal properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	<b>220 / *</b>	°C	ISO 11357-1/-3
<sup>[C]</sup> Burning Behav. at 1.5 mm nom. thickn.	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5 / *</b>	mm	-
Yellow Card available	<b>yes / *</b>	-	-
<sup>[C]</sup> Burning Behav. at thickness h	<b>HB / *</b>	class	IEC 60695-11-10
Thickness tested	<b>3.0 / *</b>	mm	-
Yellow Card available	<b>yes / *</b>	-	-

[C]: CAMPUS

<b>Other properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<sup>[C]</sup> Water absorption	<b>9.5 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Humidity absorption	<b>2.5 / *</b>	%	Sim. to ISO 62
<sup>[C]</sup> Density	<b>1130 / -</b>	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

<b>Film Properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Type of extrusion	<b>blown / *</b>	-	-

[C]: CAMPUS

<b>Material specific properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
<sup>[C]</sup> Viscosity number	<b>244 / *</b>	cm <sup>3</sup> /g	ISO 307, 1157, 1628

[C]: CAMPUS

**Characteristics****Processing**

Film Extrusion, Sheet Extrusion, Other Extrusion

**Certifications**

Food contact

**Delivery form**

Pellets

**Regional Availability**

Europe

**Additives**

Lubricants

**Other text information****Film extrusion**[Processing of Akulon® Film Grades](#)