

Product Texts

Very High Viscosity, Lubricated, Film Extrusion, Food Contact Quality

ISO 1043 PA6 copolymer

PA with lower crystallization speed compared to PA6

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	218	°C	ISO 11357-1/-3
^[C] Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Water absorption	9	%	Sim. to ISO 62
^[C] Humidity absorption	2.5	%	Sim. to ISO 62
^[C] Density	1130	kg/m ³	ISO 1183

[C]: CAMPUS

Film Properties	Value	Unit	Test Standard
ISO Data			
^[C] Stress at yield, parallel	34	MPa	ISO 527-3
^[C] Maximum stress, parallel	94	MPa	ISO 527-3
^[C] Maximum strain, parallel	350	%	ISO 527-3
^[C] Trouser Tear resistance, parallel	32	N/mm	ISO 6383-1
^[C] Dynamic coefficient of friction	0.8	-	ISO 8295
^[C] WVTR, 23°C/85%r.h.	35	g/(m ² *d)	ISO 15106-1/-2
^[C] Oxygen transmission rate, 23°C/0%r.h.	23	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Oxygen transmission rate, 23°C/85%r.h.	33	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Type of extrusion	cast	-	-
^[C] Thickness of specimen	0.05	mm	-

[C]: CAMPUS

Material specific properties	Value	Unit	Test Standard
ISO Data			
^[C] Viscosity number	245	cm ³ /g	ISO 307, 1157, 1628

[C]: CAMPUS

Characteristics**Processing**

Film Extrusion, Other Extrusion

Features

Copolymer

Delivery form

Pellets

Certifications

Food contact

Additives

Lubricants

Regional Availability

North America, Europe

Other text information**Film extrusion**

[Processing of Akulon® Film Grades](#)