

Product Texts

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

ISO 1043 PA6

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	220 / *	°C	ISO 11357-1/-3
^[C] Coeff. of linear therm. expansion, parallel	90 / *	E-6/K	ISO 11359-1/-2
^[C] Coeff. of linear therm. expansion, normal	90 / *	E-6/K	ISO 11359-1/-2

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	9.5 / *	%	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	dry / cond	Unit	Test Standard
ISO Data			
^[C] Stress at yield, parallel	31 / *	MPa	ISO 527-3
^[C] Maximum stress, parallel	83 / *	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	1 / *	-	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.	27 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Oxygen transmission rate, 23°C/85%r.h.	39 / *	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	dry / cond	Unit	Test Standard
ISO Data			
^[C] Viscosity number	245 / *	cm ³ /g	ISO 307, 1157, 1628

[C]: CAMPUS

Characteristics**Processing**

Film Extrusion, Other Extrusion

Certifications

Food contact

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Additives

Lubricants

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