

Product Texts

Product-nomenclature: ISO 16396-PA6,,F,S22-030

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	25 / *	cm ³ /10min	ISO 1133
Temperature	275 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	- / 750	MPa	ISO 527

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	222 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Water absorption	9 / *	%	Sim. to ISO 62
^[C] Humidity absorption	3 / *	%	Sim. to ISO 62
^[C] Density	1140 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Film Properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Stress at yield, parallel	35 / *	MPa	ISO 527-3
^[C] Stress at yield, normal	30 / *	MPa	ISO 527-3
^[C] Strain at yield, parallel	15 / *	%	ISO 527-3
^[C] Strain at yield, normal	15 / *	%	ISO 527-3
^[C] Elmendorf Tear resistance, parallel	10 / *	N	ISO 6383-2
^[C] Elmendorf Tear resistance, normal	10 / *	N	ISO 6383-2
^[C] Trouser Tear resistance, parallel	30 / *	N/mm	ISO 6383-1
^[C] Trouser Tear resistance, normal	30 / *	N/mm	ISO 6383-1
^[C] WVTR, 23°C/85%r.h.	15 / *	g/(m ² *d)	ISO 15106-1/-2
^[C] Oxygen transmission rate, 23°C/0%r.h.	25 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Oxygen transmission rate, 23°C/85%r.h.	50 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Carbon Dioxide transm. rate, 23°C/0%r.h.	80 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2
^[C] Carbon Dioxide transm. rate, 23°C/85%r.h.	250 / *	cm ³ /(m ² *d*bar)	ISO 15105-1/-2

[C]: CAMPUS

Characteristics

Delivery form

Natural Color

Regional Availability

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