

Product Texts

Polyamide 6, plasticized, high viscosity, for extrusion

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7.5	g/10min	ISO 1133
Temperature	235	°C	-
Load	2.16	kg	-

Mechanical properties

	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	700 / -	MPa	ISO 527
Flexural modulus, 23°C	600 / -	MPa	ISO 178
Flexural strength	30 / -	MPa	ISO 178
^[C] Charpy impact strength, +23°C	N / -	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	40 / -	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties

	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	221 / *	°C	ISO 11357-1/-3
^[C] Burning Behav. at thickness h	HB / *	class	IEC 60695-11-10
Thickness tested	0.8 / *	mm	-

[C]: CAMPUS

Electrical properties

	dry / cond	Unit	Test Standard
ISO Data			
^[C] Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
^[C] Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2

[C]: CAMPUS

Other properties

	dry / cond	Unit	Test Standard
^[C] Density	1140 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Material specific properties

	dry / cond	Unit	Test Standard
ISO Data			
Viscosity number	245 / *	cm ³ /g	ISO 307, 1157, 1628

Characteristics**Processing**

Injection Molding, Other Extrusion

Additives

Plasticizer

Delivery form

Natural Color