

Product Texts

ISO 16396 - PA12-P, EGHL, C22-007

Rilsamid® AESNO P10 TL resin is a natural polyamide 12. This grade is plasticized and designed for tube extrusion.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	8 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	2.16 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	- / 710	MPa	ISO 527
^[C] Yield stress	- / 31	MPa	ISO 527
^[C] Yield strain	- / 20	%	ISO 527
^[C] Nominal strain at break	- / >50	%	ISO 527
^[C] Charpy notched impact strength, +23°C	- / 9	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	- / 1	kJ/m ²	ISO 179/1eA
^[C] Shore D hardness	69 / *	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	180 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
^[C] Density	1030 / -	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Profile Extrusion, Other Extrusion

Delivery form

Pellets

Additives

Plasticizer

Special Characteristics

Light stabilized or stable to light, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

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