

RILSAMID®

AESNO P10 TL

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.

PROPERTIES	DRY / COND	UNIT	TEST STANDARD
RHEOLOGICAL PROPERTIES			
Melt Volume-Flow Rate	8 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
	455 / *	°F	-
Load	2.16 / *	kg	-
	4.76 / *	lb	-
MECHANICAL PROPERTIES			
Tensile Modulus	- / 710	MPa	ISO 527-1/-2
	- /	psi	
Yield stress	103000 - / 31	MPa	ISO 527-1/-2
	- / 4500	psi	
Yield strain	- / 20	%	ISO 527-1/-2
Nominal Strain at Break	- / >50	%	ISO 527-1/-2
Shore D Hardness	69 / *	-	ISO 868
Charpy Impact Strength, +23°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Impact Strength, -30°C	- / No Break	kJ/m ²	ISO 179/1eU
Charpy Notched Impact Strength, +23°C	- / 9	kJ/m ²	ISO 179/1eA
	- / 4.28	ftlb/in ²	
Charpy Notched Impact Strength, -30°C	- / 1	kJ/m ²	ISO 179/1eA
	- /	ftlb/in ²	
THERMAL PROPERTIES	0.476		
Melting Temperature, 10°C/min	180 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
Density	1030 / -	kg/m ³	ISO 1183
	1.03 / -	g/cm ³	

RILSAMID[®]

AESNO P10 TL

PROCESSING Profile Extrusion, Other Extrusion	
DELIVERY FORM Pellets	
ADDITIVES Plasticizer	
SPECIAL CHARACTERISTICS Heat Stabilized, Light Stabilized	
REGIONAL AVAILABILITY North America, Europe, Asia Pacific, South and Central America, Near East/Africa	