

Niretan A T30

Polyamide 66 reinforced with 30% of Talcum, for injection moulding.

	Properties	Test condition	Method	Unit	Value
Mechanical	Flexural Maximum Stress	1,3 mm/min	ASTM D790	MPa	105
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	5400
	Izod Notched Impact Strength	23°C/3mm	ASTM D256	J/m	50
	Elongation	5mm/min	ASTM D638	%	5
	Tensile Modulus	5 mm/min	ASTM D638	MPa	6200
	Tensile Stress at Break	5 mm/min	ASTM D638	MPa	60
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	210
	Heat Distortion Temperature H.D.T	1.82 MPa	ASTM D648	°C	80
	Linear Expansion Coefficient	23°C/55°C	ISO 11359-2	10 ⁻⁵ K ⁻¹	6
	Heat Distortion Temperature H.D.T	0,455 MPa	ASTM D648	°C	220
Flame Behaviour	Glow Wire Temperature (G.W.T)	S=2.0 mm	IEC 695-2-1	°C	650
	UL 94 Rating	S=1.6 mm	UL 94	class	HB
	UL 94 Rating	S=3.2 mm	UL 94	class	HB
Various	Moulding Shrinkage	parallel	-	%	0,7-1,2
Physical	Density	23°C	ASTM D792	g/cm ³	1,36
	Water Absorption	24h - 23°C	ASTM D570	%	5
	Humidity Absorption from Atmosphere	23°C - 50% HR	ASTM D570	%	2
	Cristalline Melting Temperature	DSC	-	°C	260