

# 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 <sup>-5</sup> K <sup>-1</sup>	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 <sup>3</sup>	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



All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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