

Niplene SV30

- Polypropylene homopolymer reinforced with 30% of glass beads.
- Grade developed for injection molding of items characterized by good aesthetics and dimensional stability

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	230 °C / 2,16 Kg	ASTM D1238	g/10min	12
Mechanical	Flexural Maximum Stress	1,3 mm/min	ASTM D790	MPa	37
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	2000
	Izod Notched Impact Strength	23°C/3mm	ASTM D256	J/m	35
	Elongation	5mm/min	ASTM D638	%	>50
	Tensile Modulus	5 mm/min	ASTM D638	MPa	2500
	Tensile Stress at Break	5 mm/min	ASTM D638	MPa	22
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	95
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	Density		ASTM D792	g/cm ³	1,12
	Humidity Content at Equilibrium	23°C / 50 % U.R.	ISO 62	%	0,1

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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urance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delievery.