

# 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 <sup>3</sup>	1,12
	Humidity Content at Equilibrium	23°C / 50 % U.R.	ISO 62	%	0,1