

Niplene T20

Polypropylene homopolymer, impact Modif. at 20% for injection moulding

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	230 °C / 2,16 Kg	ASTM D1238	g/10min	10
Mechanical	Tensile Stress at Yield	50 mm/min.	ASTM D638	MPa	26
	Flexural Maximum Stress	1,3 mm/min	ASTM D790	MPa	45
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	2800
	Izod Notched Impact Strength	23°C/3mm	ASTM D256	J/m	30
	Rockwell Hardness		ASTM D785	R-scale	105
	Elongation	50 mm/min	ASTM D638	%	30
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	104
	Heat Distortion Temperature H.D.T	1.82 MPa	ASTM D648	°C	75
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
Electrical	Relative Permittivity	1 Mhz - dry	IEC 60250	-	2,7
	Dissipation Factor	1 Mhz - dry	IEC 60250	-	0,001
	Dielectric Strength	S-1 mm	IEC 60243-1	KV/mm	60
	Surface Resistivity	dry	IEC 60093	Ω	10 ¹⁴
	Volume Resistivity	dry	IEC 60093	Ω cm	10 ¹⁵
Various	Moulding Shrinkage	parallel	-	%	0,6-1,2
Physical	Density	23°C	ASTM D792	g/cm ³	1,04

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing

TEKUMA KUNSTSTOFF GMBH

Röntgenstraße 2 21465 Reinbek Germany Telefon +49 40 727 702 - 0 Fax +49 40 722 89 69 info@tekuma.de
Geschäftsführer Constantin Maul Registergericht Lübeck HRB 1387 RE Ust-IdNr. DE135102242 St.Nr. 30 292 15675

www.tekuma.de



terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance 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 delivery.