

Ecoplene T20 HF Black

Industrial grade polypropylene homopolymer with 20% of mineral filler.
Grade with good fluidity, suitable for injection moulding.
Available only in black colour.

	Properties	Test condition	Method	Unit	Value
Rheological	Melt Flow Index	230 °C / 2,16 Kg	ASTM D1238	g/10min	20
Mechanical	Flexural Maximum Stress	1,3 mm/min	ASTM D790	MPa	38
	Flexural Elastic Modulus	1,3 mm/min	ASTM D790	MPa	1900
	Izod Notched Impact Strength	23°C/3mm	ASTM D256	J/m	30
Thermal	Vicat Softening Temperature	49N / 120°C/h	ASTM D 1525	°C	90
	Vicat Softening Temperature	1N / 120°C/h	ASTM D 1525	°C	140
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	1,06
	Humidity Content at Equilibrium	23°C / 50 % U.R.	ISO 62	%	0,02
	Moulding Shrinkage	parallel	-	%	0,6-1,2