

## VIPLENE C8 T04

Polypropylene Copolymer 20% talc filled

Properties	Test Method	Unit	Typical Value
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### Physical

MFI	ISO 292	g/10'	8
Density (23°C)	ISO 1183	g/cm <sup>3</sup>	1,06
Water Absorption (24h/23°C)	ISO 62	%	—
Water Absorption at Saturation	ISO 62	%	—
Mould Shrinkage (Parallel)	ASTM D-955	%	—
Mould Shrinkage (Normal)	ASTM D-955	%	1,0-1,3

### Mechanical

Izod Notched Impact (+23 °C)	ISO 180	J/m	60
Izod Notched Impact Strength(-20 °C)	ISO 180	J/m	—
Charpy Notched Impact (+23 °C)	ISO 179	kJ/m <sup>2</sup>	—
Charpy Unnotched Impact (+23 °C)	ISO 179	kJ/m <sup>2</sup>	—
Charpy Unnotched Impact (-20 °C)	ISO 179	kJ/m <sup>2</sup>	—
Tensile Modulus	ASTM D-638	N/mm <sup>2</sup>	2200
Elongation at Break	ASTM D-638	%	20
Tensile Break Strength	ASTM D-638	N/mm <sup>2</sup>	22
Tensile Yield Strength	ASTM D-638	N/mm <sup>2</sup>	26

### Thermal

Vicat Temperature (1kg)	ASTM D-1525	°C	—
Vicat Temperature (5kg)	ASTM D-1525	°C	68
Heat Deflection Temperature (0,45 N/mm <sup>2</sup> )	ASTM D-648	°C	—
Heat Deflection Temperature (1,82 N/mm <sup>2</sup> )	ASTM D-648	°C	50
Continuous Service Temperature (20.000 h)	60216/P1 IEC	°C	—

### Electrical

Volume Resistivity	ASTM D-257	Ohm cm	—
Tracking Resistance (CTI-Method A)	60112 IEC	Volt	—
Electric Strength (Thickness)	ASTM D-149	kV/mm	—

### Flammability

Flammability Rating	UL 94	-	HB (1,6 mm)
Glow Wire Test	60695-2-1 IEC	°C	850 (2 mm)

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