

TALCOPRENE® C1505TC GIALLO 11 - PP

Description

Polypropylene copolymer, 5% mineral filled.

Physical properties

ISO	Value	Unit	Test Standard
Density	930	kg/m ³	ISO 1183
Melt flow rate, MFR	15	g/10min	ISO 1133
MFR temperature	230	°C	ISO 1133
MFR load	2.16	kg	ISO 1133

Mechanical properties

ISO	Value	Unit	Test Standard
Tensile stress at yield, 50mm/min	23	MPa	ISO 527-2/1A
Tensile strain at break, 50mm/min	>20	%	ISO 527-2/1A
Flexural modulus, 23°C	1400	MPa	ISO 178
Flexural strength, 23°C	35	MPa	ISO 178
Izod impact unnotched, 23°C	5	kJ/m ²	ISO 180/1U

Thermal properties

ISO	Value	Unit	Test Standard
Vicat softening temperature, 50°C/h 50N	70	°C	ISO 306

Typical injection moulding processing conditions

Pre Drying

	DryTime	DryTemp
max	3 h	100 °C
min	2 h	80 °C

Temperature

	CavTemp	MTemp	Z4Temp	Z3Temp	Z2Temp	Z1Temp
max	60 °C	230 °C	230 °C	220 °C	210 °C	200 °C
min	30 °C	210 °C	210 °C	200 °C	190 °C	180 °C

Other text information

Longer pre-drying times/storage

This product should be stored in a covered facility and kept away from moisture and heat.

Characteristics

Product Categories

Mineral reinforced

Processing

Injection molding