

POLIFOR® C2 TR/06 F NATURALE XE - PP

Description

Polypropylene, copolymer, 6% talc filled, low fogging, extrusion grade.

Physical properties	Value	Unit	Test Standard
Density	950	kg/m³	ISO 1183
Melt flow rate, MFR	2.8	g/10min	ISO 1133
MFR temperature	230	°C	ISO 1133
MFR load	2.16	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	1800	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	30	MPa	ISO 527-2/1A
Tensile nominal strain at break, 50mm/min	>50	%	ISO 527-2/1A
Flexural modulus, 23°C	1800	MPa	ISO 178
Izod impact notched, 23°C	8.5	kJ/m²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
Vicat softening temperature, 50°C/h 50N	83	°C	ISO 306
Flammability @1.6mm nom. thickn.	HB	class	UL 94

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	2 - 3	h	-
Drying temperature	80 - 100	°C	-
Temperature	Value	Unit	Test Standard
Zone1 temperature	190 - 210	°C	-
Zone2 temperature	210 - 230	°C	-
Zone3 temperature	220 - 240	°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

Low emission, Mineral reinforced