

POLIFOR® E14 NERO/F1 - PP

Description

Polypropylene, copolymer, elastomer modified, unfilled, heat and UV stabilised

Physical properties	Value	Unit	Test Standard
Density	880	kg/m ³	ISO 1183
Melt flow rate, MFR	7	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	220	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	8	MPa	ISO 527-2/1A
Flexural modulus, 23°C	130	MPa	ISO 178
Charpy notched impact strength, 23°C	NB	kJ/m ²	ISO 179/1eA

Mechanical properties (TPE)	Value	Unit	Test Standard
Shore D hardness, 15s	26	-	ISO 868

Thermal properties	Value	Unit	Test Standard
DTUL at 0.45 MPa	43	°C	ISO 75-1, -2
Vicat softening temperature, 50°C/h 50N	46	°C	ISO 306

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	2 - 3	h	-
Drying temperature	70 - 90	°C	-
Temperature	Value	Unit	Test Standard
Zone1 temperature	180 - 200	°C	-
Zone2 temperature	200 - 220	°C	-
Zone3 temperature	210 - 230	°C	-
Mold temperature	30 - 60	°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

Special Characteristics	Processing
UV resistant	Injection molding

Product Categories

Impact modified, Unfilled