

POLIFOR® E10 CA/37 GRAY 7762 Y1 - PP

Description

Polypropylene copolymer elastomer modified, mineral filled. Gray color. (PP-K39)

Physical properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183
Melt flow rate, MFR	3.5	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	1400	MPa	ISO 527-2/1A
Tensile stress at break, 50mm/min	16	MPa	ISO 527-2/1A
Flexural modulus, 23°C	1300	MPa	ISO 178
Charpy notched impact strength, 23°C	30	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	50	°C	ISO 75-1, -2
Flammability @1.6mm nom. thickn.	HB	class	UL 94
Flammability at thickness h	HB	class	UL 94
thickness tested (h)	3.20	mm	UL 94

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	2	h	-
Drying temperature	80	°C	-
Temperature	Value	Unit	Test Standard
Zone1 temperature	190	°C	-
Zone2 temperature	210	°C	-
Zone3 temperature	230	°C	-
Mold temperature	50 - 70	°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.