



Technical data sheet

ISOFORM PPT30FR R7035

Key benefits

Tested with glow wire at 750 C
Higher stiffness than normal PP
Light grey colour RAL 7035

General application

Electro industry
Back side walls in electro boxes

	Test method	Unit	Value
General properties			
Density	DIN 53479	g/cm ³	1.2
Filler content		%	30
Mechanical Properties			
Tensile modulus	ISO 527	MPa	>2500
Tensile strength	ISO 527	MPa	38
Elongation at break	ISO 527	%	-
Flexural modulus	ISO 178	MPa	-
Charpy notched impact strength at 23°C	ISO 179	kJ/m ²	-
Charpy unnotched impact strength at 23°C	ISO 179	kJ/m ²	>30
Hardness	ISO 868	Shore D	77
Thermal properties			
Melting temperature	ISO 3146	°C	163
Vicat softening temperature - A50	ISO 306/A50	°C	153
Vicat softening temperature - B50	ISO 306/B50	°C	-
Heat deflection temperature B (0.45 MPa)	ISO 75B	°C	-
Heat deflection temperature A (1.80 MPa)	ISO 75A	°C	-
Service temperature (intermittent)		°C	150
Service temperature (long term)		°C	from 0 to 100
Other properties			
Surface resistivity	LabeOHM	Ω	> 10E14
Water absorption	24h/RT	%	< 1
Flammability (thickness 1; 1,6 ; 2 mm)	EN 60695-2-12	°C	750
Mould shrinkage	Compared to a reference form	%	Longitudinal: Transverse:

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