

Verplen® 60 A HI

Polypropylene
Prime Compound

Description:

Polypropylene copolymer high impact grade also available UV stabilized

General

MFI (190°/2,16kg)	ISO 1133	10	g/10min
Density	ISO 1183	0,90	g/cm ³
Linear mould shrinkage	ASTM D955	1,2-1,6	%

Thermal

HDT/A (1,82MPa)	ISO 75A	50	°C
Vicat softening point (B50 (50N))	ISO 306	55	°C

Mechanical

Tensile stress at yield	ISO 527	18	MPa
Tensile stress at break	ISO 527	15	MPa
Elongation at break	ISO 527	200	%
Flex modulus	ISO 178	900	MPa
Izod impact (+23°C (notched))	ISO 180/1A	38	kJ/m ²

Flammability

Burning rate (FMVSS 302)	ISO 3795	38	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	10E13	Ohm
Volume resistivity	IEC 60093	10E14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	24	kV/mm
CTI	IEC 60112	600	V

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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