

Verplen® 50 A

Polypropylene
Prime Compound

Description:

Polypropylene homopolymer very high flow grade

General

MFI (230°/2,16kg)	ISO 1133	50	g/10min
Density	ISO 1183	0,9	g/cm ³
Linear mould shrinkage	ASTM D955	1,5-2,0	%

Thermal

HDT/A (1,82MPa)	ISO 75A	55	°C
Vicat softening point (B50 (50N))	ISO 306	90	°C

Mechanical

Tensile stress at yield	ISO 527	25	MPa
Tensile stress at break	ISO 527	15	MPa
Elongation at break	ISO 527	100	%
Flex modulus	ISO 178	1800	MPa
Izod impact (+23°C (notched))	ISO 180/1A	2	kJ/m ²

Flammability

Flammability (3,2mm)	UL94	HB
Flammability (1,6mm)	UL94	HB

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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