

Verplen® 70 A HI

Polypropylene
Prime Compound

Description:

Polypropylene copolymer high flow grade, also UV stabilized

General

MFI (230°/2,16kg)	ISO 1133	18	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	48	°C
Vicat softening point (B50 (50N))	ISO 306	53	°C

Mechanical

Charpy notched impact strength (23 °C)	ISO 179/1eA	40	kJ/m ²
Tensile stress at yield	ISO 527	20	MPa
Tensile stress at break	ISO 527	18	MPa
Elongation at break	ISO 527	100	%
Flex modulus	ISO 178	1000	MPa

Flammability

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

Ravago Group Headquarters

Moerenstraat 85A
B - 2370 Arendonk

Tel: +32 (0)14 67 25 11
Fax: +32 (0)14 67 20 12

www.ravago.com
manufacturing@ravago.com

Issue Date:
Aug 2017