

# Verplen® 58 A

Polypropylene  
Prime Compound

## Description:

Polypropylene copolymer for injection moulding

## General

MFI (230°/2,16kg)	ISO 1133	8	g/10min
Density	ISO 1183	0,90	g/cm <sup>3</sup>
Linear mould shrinkage	ASTM D955	1,4-1,6	%

## Thermal

HDT/A (1,82MPa)	ISO 75A	54	°C
Vicat softening point (B50 (50N))	ISO 306	74	°C

## Mechanical

Tensile stress at yield	ISO 527	24	MPa
Tensile stress at break	ISO 527	20	MPa
Elongation at break	ISO 527	100	%
Flex modulus	ISO 178	1200	MPa
Izod impact (+23°C (notched))	ISO 180/1A	8	kJ/m <sup>2</sup>

## Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	45	mm/min

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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