

# TABOREN PH 79 T 20 -018



## Description

**TABOREN-PH 79 T 20-018** is a compound based on polypropylene homopolymer, filled with 20% of talc and stabilized by anti-oxidant + anti-detergent package. It is designed for injection moulding technology and used in automotive applications requiring outstanding performance under enhanced temperatures. The grade is available in black colour.



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<b>Physical</b>	Density	ISO 1183-1	g/cm <sup>3</sup>	1,05
	Melt Flow Index (230°C / 2,16 kg)	ISO 1133	g/10 min	14
<b>Mechanical</b>	Tensile Strength at Yield	ISO 527	MPa	28
	Elongation at Break	ISO 527	%	8
	Charpy Notched Impact Strength	ISO 179-1/1eU 23°C	KJ/m <sup>2</sup>	3
	Charpy Unnotched Impact Strength	ISO 179-1/1eU 23°C	KJ/m <sup>2</sup>	27
	VICAT Softening Temperature	ISO 306 methode A50	°C	155
	Flexural Modulus	ISO 178	MPa	2700

**Notes\*** The above values are typical for this material, not standardized.

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## Processing Guidelines

**TABOREN-PH 79 T 20-018** is recommended to be pre-dried before processing.

A guideline is to dry the grade at 80°C for 3 hrs.

**TABOREN-PH 79 T 20-018** is easy to process on standard injection moulding machines. The following moulding parameters are to be used as guidelines:

Melt Temperature: 200 – 250°C

Injection Speed: Medium

Injection Pressure: 90 – 130 MPa

Hold-on Pressure >40% of injection pressure

Mould Temperature: 30 - 50°C

## Storage and handling

**TABOREN-PH 79 T 20-018** should be stored in dry conditions at temperatures below 50°C and protected from UV light. Improper storage may initiate degradation resulting in odour generation and colour changes a can have negative effects on the physical properties of the product.

## Safety

**TABOREN-PH 79 T 20-018** is not classified as a dangerous preparation. A Safety Datasheet is available on request. Please contact your SILON representative for more details on various aspects of safety.

## Recycling

The product is suitable for recycling using modern methods of shredding and



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