

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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Physical	Density	ISO 1183-1	g/cm ³	1,05
	Melt Flow Index (230°C / 2,16 kg)	ISO 1133	g/10 min	14
Mechanical	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 ²	3
	Charpy Unnotched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	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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