

TABOREN-PC 75 0 00-035

Description

TABOREN-PC 75 0 00-035 is a compound based on polypropylene copolymer stabilized with a UV/AOX additive 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.



**AUTOMOTIVE
APPLICATIONS**



**CONSTRUCTION
APPLICATIONS**

Properties

Physical	Density	ISO 1183-1	g/cm ³	0,91
	Melt Flow Index (230°C / 2,16 kg)	ISO 1133	g/10 min	13,0
Mechanical	Tensile Stress at Yield	ISO 527	MPa	25
	Elongation at Break	ISO 527	%	50
	Charpy Notched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	8
	Charpy Unnotched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	No break
	VICAT Softening Temperature	ISO 306 methode A50	°C	150
	Flexural Modulus	ISO 178	MPa	1350

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



**GENERAL
APPLICATIONS**



**HYGIENIC
APPLICATIONS**

TABOREN-PC 75 0 00-035



Processing Guidelines

Drying

TABOREN-PC 75 0 00-035 is recommended to be pre-dried before processing. A guideline is to dry the grade at 80°C for 3 hrs.

Machine Requirements:

TABOREN-PC 75 0 00-035 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-PC 75 0 00-035 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-PC 75 0 00-035 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 cleaning.



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