

# TABOREN-PR 65 T 10S-089

## Description

**TABOREN-PR 65 T 10S-089** is a compound based on mixture of polypropylene impact block copolymer and high density polyethylene, filled with 10% of talc and stabilized with a car interior UV/AOX additive package . It is scratch resistant and designed for injection moulding of automotive interior applications with stress put on excellent processability and good surface performance. The grade is available in black colour.



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	Properties	Test method	Unit	Typical value
<b>Physical</b>	Melt Flow Index (230°C / 2,16 kg)	ISO 1133	g/10 min	13,0
	Density	ISO 1183-1	g/cm <sup>3</sup>	0,980
<b>Mechanical</b>	Tensile Strength at Yield	ISO 527	MPa	17
	Charpy Notched Impact Strength	ISO 179-1/1eA 23°C	KJ/m <sup>2</sup>	20
	Charpy Unnotched Impact Strenght	ISO 179-1/1eU 23°C	KJ/m <sup>2</sup>	N.B.
	Elongation at Break	ISO 527	%	40
	Flexural Modulus	ISO 178	MPa	1300
<b>Thermal</b>	VICAT Softening Temperature	ISO 306 method A50	°C	130

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

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## Processing Guidelines

### Drying

**TABOREN-PR 65 T 10S-089** is recommended to be pre-dried before processing. A guideline is to dry the grade at 80°C for 3 hrs.

### Machine Requirements:

**TABOREN-PR 65 T 10S-089** 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-PR 65 T 10S-089** 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-PR 65 T 10S-089** 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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