

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
Physical	Melt Flow Index (230°C / 2,16 kg)	ISO 1133	g/10 min	13,0
	Density	ISO 1183-1	g/cm ³	0,980
Mechanical	Tensile Strength at Yield	ISO 527	MPa	17
	Charpy Notched Impact Strength	ISO 179-1/1eA 23°C	KJ/m ²	20
	Charpy Unnotched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	N.B.
	Elongation at Break	ISO 527	%	40
	Flexural Modulus	ISO 178	MPa	1300
Thermal	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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