

TABOREN PC 62 T50

Description

TABOREN-PC 62 T 50 is a compound based on polypropylene copolymer, filled with 50% of talc filler and stabilized with a basic additive package. It is designed for injection moulding technology and used in applications requiring outstanding performance under enhanced temperatures. The grade is available in natural colour.



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	Properties	Test method	Unit	Typical value
Physical	Density	ISO 1183-1	g/cm ³	1,35
	Melt Flow Rate (230°C / 2,16 kg)	ISO 1133	g/10 min	11
Mechanical	Tensile Strength	ISO 527	MPa	20
	Elongation at Break	ISO 527	%	2
	Charpy Notched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	2,5
	Charpy Unnotched Impact Strength	ISO 179-1/1eU 23°C	KJ/m ²	8
	VICAT Softening Temperature	ISO 306 methode A50	°C	140
	Flexural Modulus	ISO 178	MPa	4200

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Processing Guidelines

TABOREN-PC 62 T 50 is recommended to be pre-dried before processing.

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

TABOREN-PC 62 T 50 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 62 T 50 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 62 T 50 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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