

TABOREN-PR 73 0 00-053



Description

TABOREN-PR 73 0 00-053 is a PP block copolymer modified by POE featuring very good processability, impact properties and UV/AOX stability. It is used for injection moulding of automotive parts exposed to mechanical load. It is available in the satin black color shade.



**AUTOMOTIVE
APPLICATIONS**



**CONSTRUCTION
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**GENERAL
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**HYGIENIC
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	Properties	Test method	Unit	Typical value
Physical	Melt Flow Rate (230°C/2,16 kg)	ISO 1133	g/10 min	16
	Density	ISO 1183-1	g/cm ³	0,91
Mechanical	Tensile Stress at Yield	ISO 527	MPa	18
	Elongation at Break	ISO 527	%	93
	Flexural Modulus	ISO 178	MPa	900
Impact	CHARPY Notched Impact Strength	ISO 179-1/1eA 23°C	kJ/m ²	55 p.b.
	CHARPY Unnotched Impact Strength	ISO 179-1/1eU 23°C	kJ/m ²	n.b.
Thermal	VICAT Softening Temperature	ISO 306, method A50	°C	132
Flammability	Flame Rating UL	UL94	°C	HB

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

Processing Guidelines

Drying

TABOREN-PR 73 0 00-053 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 73 0 00-053 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 73 0 00-053 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, colour changes and can have negative effects on the physical properties of the product.

Safety

TABOREN-PR 73 0 00 -053 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, recovery and disposal of the product or see our web pages www.silon.eu

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning.



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