

# 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  
APPLICATIONS**



**GENERAL  
APPLICATIONS**



**HYGIENIC  
APPLICATIONS**

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

### Recycling

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



AUTOMOTIVE  
APPLICATIONS



CONSTRUCTION  
APPLICATIONS



GENERAL  
APPLICATIONS



HYGIENIC  
APPLICATIONS