



Polystyrene (PS)  
**BURTOREN PS57 GREY**

### Product Description

BURTOREN PS57 GREY is a Polystyrene.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	1.02 - 1.06
Melt Flow Rate, (200 °C/5 kg)	g/10 min	ISO 1133	4 - 7
<b>Mechanical properties</b>			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	≥ 35
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 3
Flexure modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 1750
Flexure stress (2mm/min) (23°C)	MPa	ISO 178	≥ 50
<b>Impact</b>			
Notched Izod Impact (23°C)	kJ/m <sup>2</sup>	ISO 180	5 - 10

### Notes

The properties are typical, non-binding mean values found for injection moulded natural test bars. Pigments and other modifications may alter these values.

### Processing Techniques

BURTOREN PS57 GREY is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
--------	----	----------	------------

### Storage

The BURTOREN® PS57 GREY in pellet form is packed in bigbag (1000 Kg).