



# 100-GB25

## Product Technical Information

Polypropylene-Homopolymer

**100-GB25** is a narrow molecular weight homopolymer polypropylene intended for injection moulding applications.

## Applications

- As a result of its high flow properties it is particularly recommended for high speed moulding in multi-cavity tooling

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	25	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1200	MPa
Tensile Strength at Yield		ISO 527-1,-2	32	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.2	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	2.4	kJ/m <sup>2</sup>
<b>Thermal</b>				
Heat Deflection Temperature	0.45 MPa	ISO 75-2/B	102	°C
<b>Data should not be used for specification work</b>				

## Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration.

It is advised to process the product within maximum one year after delivery.