



# 100-GB06

## Product Technical Information

Polypropylene-Homopolymer

**100-GB06** is a homopolymer polypropylene, intended for general purpose injection moulding and extrusion applications

### Applications

- Geotextiles
- Technical mouldings
- Caps and closures
- Thin sheet extrusion
- Thermoforming
- Compounds

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	6	g/10min
<b>Mechanical*</b>				
Flexural Modulus	23°C	ISO 178	1450	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	34	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.5	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	4	kJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	10N	ISO 306/A50	155	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	86	°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.