



# 101-GB08

## Product Technical Information

Polypropylene – Homopolymer

**101-GB08** is a versatile general purpose grade which can be used in many different applications, more especially suitable for biaxially oriented polypropylene (BOPP) film applications produced by the double bubble process.

## Applications

- Flexible packaging - Film
- Housewares
- Garden furniture.
- General purpose and technical injection moulding
- Thermoforming
- Staple for needlepunched geotextiles

## Benefits and Features

- Good processability and MFR consistency
- High degree of cleanliness
- Low odour level
- Low catalyst residue

Properties		Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133	8	g/10min
<b>Mechanical</b>				
Flexural Modulus	@ 23°C	ISO 178	1450	MPa
Tensile Strength	@ Yield	ISO 527-1,-2	32	MPa
Izod Impact Strength, notched	@ +23°C	ISO 180/1A	4	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	@ +23°C	ISO 179/1eA	3.3	kJ/m <sup>2</sup>
<b>Thermal</b>				
Melting Point	ASTM D 3417		161	°C