



# 100-GA12

## Product Technical Information

Polypropylene-Homopolymer

100-GA12 is a versatile general purpose grade intended for injection-moulding applications.

### Benefits & Features

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

### Applications

- Rigid packaging
- Thin wall containers
- Caps and closures
- Garden furniture - housewares
- Staple for needlepunched geotextiles

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	12	g/10min
<b>Mechanical*</b>				
Flexural Modulus	23°C	ISO 178	1400	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	34	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.7	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	3	kJ/m <sup>2</sup>
<b>Thermal</b>				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	90	°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.