



# 100-GA03

## Product Technical Information

Polypropylene-Homopolymer

**100-GA03** is a general purpose grade intended for extrusion and thermoforming applications requiring medium melt flow and good parison strength.

## Benefits & Features

- Good processability and MFR consistency
- High tenacity
- Low water carryover
- Good optical and barrier properties
- Low odour level - low catalyst residue

## Applications

- General purpose thermoforming
- Rigid packaging
- Carpet backing - woven bags - geotextiles
- Flexible packaging

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	3	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1450	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	35	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	4	kJ/m <sup>2</sup>
<b>Thermal</b>				
Melting Point		ASTM D 3417	163	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	93	°C
Vicat Softening Temperature	10N	ISO306/A50	156	°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.