

# 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                |

**Data should not be used for specification work**



# 100-GA03

## 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.

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## Regulatory Information

The product and uses described herein may be subject to specific requirements or limitations for use in certain applications like food contact, drinking water or medical devices. Further information may be obtained from the website [www.ineos.com](http://www.ineos.com) where a specific Regulatory Certificate is available for each grade under the heading "SDS & Regulatory Certificate".

Unless specifically indicated, the product mentioned herein is not suitable for applications in the medical or pharmaceutical sectors.

## Health and Safety Information

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