

# 100-GA01

## Product Technical Information

Polypropylene-Homopolymer

100-GA01 features low melt flow index, high stiffness and good thermal stability.

### Benefits & Features

- Low melt flow index
- High stiffness
- Good thermal stability

### Applications

- Strapping
- Hollow containers

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	0.9	g/10min
<b>Mechanical</b>				
Flexural Modulus	23°C	ISO 178	1550	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	36	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	4.5	kJ/m <sup>2</sup>
<b>Thermal</b>				
Melting Peak Temperature		ASTM D 3418	163	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	98	°C
Vicat Softening Temperature	10N	ISO306/A50	158	°C

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



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## 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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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".

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