



# 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/m2
<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**

### 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.