



100-GA04

Product Technical Information

Polypropylene-Homopolymer

100-GA04 is a versatile general purpose grade which can be used in many different applications.

Benefits and Features

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

Applications

- Rigid packaging (caps & closures)
- Woven bags & geotextiles
- Thermoforming

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	4	g/10min
Mechanical*				
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	kJ/m ²
Thermal				
Peak DSC melting temperature	2nd heating	ASTM D 3418	163	°C
Vicat Softening Temperature	10N	ISO 306/A50	155	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	86	°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.