



100-GA12S

Product Technical Information

Polypropylene-Homopolymer

100-GA12S is a versatile general purpose grade intended for injection-moulding applications.

Benefits & Features

- Good processability
- Good dimensional stability
- Low odour level

Applications

- Rigid packaging
- Thin wall containers
- Caps and closures
- Garden furniture - housewares

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	12	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	3.7	kJ/m ²
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	3	kJ/m ²
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	90	°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.