

# 100-CA50

## Product Technical Information

Polypropylene - Homopolymer

### Benefits & Features

- High speed moulding
- Good processability
- High degree of cleanliness

### Applications

**100-CA50** is a high flow rate homopolymer designed for high speed injection moulding. It offers a good balance of stiffness and flow.

- Thin walled containers for dairy and fresh food
- Food trays
- Houseware articles
- Disposables

Properties	Conditions	Test Methods	Values	Units
<b>Physical</b>				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	50	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	3	kJ/m <sup>2</sup>
Charpy Impact Strength, notched	23°C	ISO 179/A	2.2	kJ/m <sup>2</sup>
Shore Hardness	Shore D	ISO 868	71	-
<b>Thermal</b>				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	115	°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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## 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.

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