Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

100-CC60

Product Technical Information

Polypropylene Homopolymer

Benefits & Features

100-CC60 is a high fluidity clarified homopolymer with antistatic properties designed for injection moulding. The grade has been designed with a very high rigidity and excellent clarity even when processing the material at low temperatures.

100-CC60 has excellent heat resistance. This material is suitable for food packaging.

- High flowability
- Excellent stiffness and heat resistance
- Outstanding transparency
- Potential for energy savings

Applications

- Thin wall transparent containers
- Media Packaging
- Transparent household goods

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	60	g/10min
Mechanical*				
Flexural Modulus	23°C	ISO 178	1800	MPa
Tensile Modulus	23°C	ISO 527-1,-2	1950	MPa
Tensile strength at yield	23°C	ISO 527-1,-2	38	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3	kJ/m2
Optical				
Haze	1mm Thickness	ASTM D 1003	17	%
Thermal				
Crystallisation Temperature	DSC	INEOS Test Method	130	°C
Heat Deflection Temperature	0.45 MPa	ISO 75-2	118	°C

Data should not be used for specification work

* Values determined on injection moulded specimens acc. to ISO 1873-2, based on 7 days conditioning time

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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.

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 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.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Safety Data Sheet (SDS) that may be obtained from the website www.ineos.com. Before using any material, a customer is advised to consult the SDS for the product under consideration for use.

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