



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/m ²
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

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.