

INEOS PP 401-CB50

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Technical Data

Product Description

401-CB50 is a nucleated and antistatic high flow and high impact copolymer ideally suited for fast cycling, thin walled injection moulded applications.

Applications

- Rigid packaging
- Yellow fat containers
- Ice cream containers
- Housewares
- Appliances

Benefits and Features

- Improved stiffness
- High impact
- Good flowability
- Antistatic
- Controlled rheology

General

Additive	• Antistatic	• Nucleating Agent	
Features	• Antistatic • Controlled Rheology • Fast Molding Cycle	• Good Stiffness • High Flow • High Impact Resistance	• Impact Copolymer • Nucleated
Uses	• Appliances • Containers	• Household Goods • Rigid Packaging	• Thin-walled Parts
RoHS Compliance	• Contact Manufacturer		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50 g/10 min	ISO 1133
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield)	24.0 MPa	ISO 527-2
Flexural Modulus (23°C)	1300 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength		ISO 179/1eA
-20°C	3.5 kJ/m ²	
23°C	6.6 kJ/m ²	
Notched Izod Impact Strength		ISO 180/1A
-20°C	4.2 kJ/m ²	
23°C	7.5 kJ/m ²	
Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		ISO 75-2/B
0.45 MPa, Unannealed	98.0 °C	