

INEOS PP 401-CB50

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

- 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 Information			
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 (0.45 MPa, Unannealed)	98.0	°C	ISO 75-2/B

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