

# INEOS PP 100-CA50

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

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

- Applications
- Thin walled containers for dairy and fresh food
- Food trays
- Housewares articles
- Disposables
- Benefits and Features
- High speed molding
  - Good processability
  - High degree of cleanliness

General Information			
Additive	Antistatic		
Features	Antistatic		
	Clean/High Purity		
	Disposable		
	Fast Molding Cycle		
	Good Processability		
	Good Stiffness		
	High Flow		
	Homopolymer		
	Uses	Food Containers	
Household Goods			
Thin-walled Containers			
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)	36.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.2	kJ/m²	ISO 179/1eA
Notched Izod Impact Strength (23°C)	3.0	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (0.45 MPa,  
Unannealed)

115

°C

ISO 75-2/B

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#### Recommended distributors for this material

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