

# INEOS PP 200-CA40

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

- Benefits & Features
  - 200-CA40 is a clarified random copolymer with a medium ethylene content for the fast production of clear thin-walled injection-moulded articles.
- Nucleated
- Antistatic
- High flow
- Applications
  - Transparent thin wall injection moulding
- Caps and closures
- Housewares
- Clarified food containers

General Information			
Additive	Antistatic		
	Clarifier		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	High Clarity		
	High Flow		
	Nucleated		
	Random Copolymer		
Uses	Caps		
	Closures		
	Food Containers		
	Household Goods		
	Thin-walled Parts		
RoHS Compliance	Contact Manufacturer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C, Injection Molded)	28.0	MPa	ISO 527-2
Flexural Modulus (23°C, Injection Molded)	1100	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
0°C, Injection Molded	2.8	kJ/m <sup>2</sup>	
23°C, Injection Molded	5.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	83.0	°C	ISO 75-2/B
Vicat Softening Temperature	128	°C	ISO 306/A50
Peak Crystallization Temperature (DSC)	119	°C	Internal Method
Optical	Nominal Value	Unit	Test Method
Haze			ASTM D1003
1000 μm	15	%	
2000 μm	30	%	

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