

INEOS PP 203-CA25

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

203-CA25 is a clarified random copolymer with a medium ethylene content and good flow primarily intended for injection moulding of clear articles. It allows relatively low temperatures without loosing in transparency.

Benefits and Features

- Clarified
- Antistatic
- Good flow
- Applications
 - Transparent thin wall injection moulding
 - Caps and closures
 - Housewares
 - Clarified food containers

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Good Flow		
	High Clarity		
	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)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	28.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
0°C	2.8	kJ/m²	


23°C	5.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	86.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A50
Crystallization Point	120	°C	Internal Method
Optical	Nominal Value	Unit	Test Method
Haze			ASTM D1003
1000 μm	15	%	
2000 μm	30	%	

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