

INEOS PP 203-OR25

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

203-OR25 is a clarified random copolymer with a medium ethylene content and good flow primarily intended for injection moulding of clear articles. 203-OR25 presents itself with very low odour and smell. It allows relatively low temperatures without losing transparency.

- Benefits and Features
- Clarified
- Antistatic
- Good flow
- Very low odour, smell and taste
- Applications
- Transparent thin wall injection moulding
- Caps and closures
- Housewares
- Clarified food containers

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Good Flow		
	High Clarity		
	Low to No Odor		
	Low to No Taste		
	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/m ²	
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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