

# INEOS PP 400-CA25

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

400-CA25 is an antistatic and nucleated high impact copolymer for injection moulding applications. It offers excellent impact resistance, very high flexural modulus, very good flow properties and very low warpage.  
New nucleating technology leads to higher isotropy and subsequently lower warpage of the final objects.

Applications:

Crates&boxes

Pails

Containers

Housewares

Toys

Benefits and Features:

Good flow properties

Enhanced cycle time

Low warpage

Antistatic

Nucleated

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Good Flow		
	High Impact Resistance		
	Impact Copolymer		
	Low Warpage		
	Nucleated		
Uses	Containers		
	Crates		
	Household Goods		
	Pails		
	Toys		
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)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method

Flexural Modulus (23°C)	1550	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	4.5	kJ/m <sup>2</sup>	
23°C	7.0	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	108	°C	ISO 75-2/B

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