

INEOS PP 402-CB12

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

402-CB12 is an antistatic and nucleated high impact copolymer for injection moulding applications. It offers excellent impact resistance, superior flexural modulus, very good flow properties and low warpage.

Benefits & Features

Good flow properties

Enhanced cycle time

Low warpage

Antistatic

Nucleated

Applications

Pails

Containers

Crates

Housewares

Toys

General Information			
UL YellowCard	E231371-230074		
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	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)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method

Tensile Stress (Yield, 23°C, Injection Molded)	25.0	MPa	ISO 527-2
Flexural Modulus (23°C, Injection Molded)	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C, Injection Molded	5.0	kJ/m ²	
23°C, Injection Molded	10	kJ/m ²	
Notched Izod Impact Strength			ISO 180/A
-20°C, Injection Molded	6.0	kJ/m ²	
23°C, Injection Molded	10	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	96.0	°C	ISO 75-2/B

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