

INEOS PP 300-CA06

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

300-CA06 is a medium melt flow rate, antistatic and nucleated high impact copolymer for injection moulding applications. It offers excellent impact resistance and superior flexural modulus.

Applications

Toys

Housewares

Pails

Appliances

Benefits and Features

Enhanced stiffness & Cycle time

Superior impact/stiffness balance

Antistatic

Excellent processability

General Information			
UL YellowCard	E231371-230072		
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Good Processability		
	Good Stiffness		
	High Impact Resistance		
	High Rigidity		
	Impact Copolymer		
	Medium Flow		
	Nucleated		
Uses	Appliances		
	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)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method

Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	5.0	kJ/m ²	
23°C	10	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-20°C	5.0	kJ/m ²	
23°C	10	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	109	°C	ISO 75-2/B

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