

INEOS PP 240-CA12

Polypropylene Random Copolymer

INEOS Olefins & Polymers Europe

Message:

240-CA12 is a specially modified highly transparent polypropylene random copolymer with medium melt flow intended for injection moulding. 240-CA12 has high gloss and good impact. 240-CA12 is specially formulated for high speed injection moulding and contains nucleating and mould release additives allowing high de-moulding temperature as well as reduced cooling time. .

Products moulded from 240-CA12 have excellent transparency, very good organoleptical properties, good balance of stiffness and impact strength in ambient temperature, and good de-moulding and antistatic properties.

Applications

240-CA12 is designed for injection moulded houseware, closures and food packaging needing good impact strength and excellent organoleptic properties.

Examples of products successfully injection moulded from 240-CA12 are:

- Houseware containers
- Appliances requiring good transparency
- Sweet boxes
- Lids and pails
- Closures

General Information	
Additive	Mold Release
	Nucleating Agent
Features	Antistatic
	Fast Molding Cycle
	Good Mold Release
	Good Organoleptic Properties
	Good Stiffness
	High Clarity
	Low Temperature Impact Resistance
	Medium Flow
	Nucleated
	Random Copolymer
Uses	Closures
	Containers
	Food Packaging
	Household Goods
	Lids
	Pails
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)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	850	MPa	ISO 527-2/1
Tensile Stress (Yield)	27.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	13	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B

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