

INEOS PP 540-CA13

Polypropylene Impact Copolymer

INEOS Olefins & Polymers Europe

Message:

540-CA13 is a high impact copolymer polypropylene grade recommended for injection moulding of luggage, crates and boxes as well as for the production of compounds. This nucleated grade has a good stiffness, allows for a faster cooling and presents excellent dimensional stability. 540-CA13 contains antistatic agent.

Benefits & Features

Very good impact resistance at low temperature (-20°C)

Low warpage

Good flowability

Antistatic

Applications

Returnable transport packaging (crates & boxes)

Luggage

Very low temperature impact resistant packages

Compounds

General Information			
Additive	Antistatic		
Features	Antistatic		
	Good Flow		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Low Warpage		
	Ultra High Impact Resistance		
Uses	Compounding		
	Containers		
	Crates		
	Luggage		
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
Flexural Modulus (23°C)	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			
-30°C	7.7	kJ/m²	ISO 180
-20°C	9.5	kJ/m²	ISO 180/1A

23°C	50	kJ/m ²	ISO 180/1A
Multi-Axial Instrumented Impact Energy (-20°C, Total Penetration Energy)	41.0	J	ISO 6603-2
Impact Strength (-20°C)	210	J/cm	ISO 6603-2

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