

INEOS PP 100-HR25

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

100-HR25 is a nucleated and antistatic homopolymer for the fast production of thin-walled injection-moulded articles. 100-HR25 is a controlled rheology quality featuring high crystallinity, giving excellent stiffness and good heat resistance.

Benefits & Features

Controlled crystallinity (with a nucleating agent)

Controlled rheology

High stiffness

Applications

Thin walled injection moulding

Caps and closures

Technical & electronic parts

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Controlled Rheology		
	High Stiffness		
	Highly Crystalline		
	Homopolymer		
	Medium Heat Resistance		
	Nucleated		
Uses	Caps		
	Closures		
	Electrical Parts		
	Thin-walled Parts		
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
Tensile Stress (Yield, 23°C)	38.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.3	kJ/m²	ISO 179/1eA

Notched Izod Impact Strength (23°C)	3.3	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	120	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A50

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