

Eltex® MED 100-MG25

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

Benefits & Features
Eltex® MED 100-MG25 is a narrow molecular weight distribution non-nucleated polypropylene homopolymer, intended for injection moulding converting processes requiring high melt flow, fast-cycling multi-cavity tooling operations, and good dimensional stability.
Eltex® MED 100-MG25 is produced according to Good Manufacturing Practices, and is available in granular form.

Applications
Eltex® MED 100-MG25 is especially recommended for the manufacture by injection moulding of syringe and metered-dose inhaler components, Caps & Closures, thin wall containers as well as tubes, intended for the primary packaging of medical and pharmaceutical applications.

General Information			
Features	Fast Molding Cycle		
	Good Dimensional Stability		
	High Flow		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Caps		
	Closures		
	Medical Packaging		
	Pharmaceutical Packaging		
	Thin-walled Containers		
	Tubing		
Agency Ratings	EP Monograph 3.1.3		
	EP Monograph 3.1.6		
	USP 29		
	USP Class VI		
RoHS Compliance	Contact Manufacturer		
Forms	Granules		
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)	32.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.4	kJ/m²	ISO 179/A

Notched Izod Impact Strength (23°C)	3.2	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	102	°C	ISO 75-2/B

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