

# Eltex® MED 100-MG12

Polypropylene Homopolymer  
INEOS Olefins & Polymers Europe

Message:

Eltex® MED 100-MG12 is a grade intended for injection-moulding applications.

Applications

Rigid packaging

Thin wall containers

Caps and closures

Syringes

Medical hub

Benefits and Features

Good processability and MFR consistency

Good dimensional stability

High degree of cleanliness

Low odour level

Low catalyst residue

Compliance

European pharmacopoeia

USP class VI

DMF

We recommend that you consult your INEOS technical representative for further information about the pharmaceutical status of Eltex® MED 100-MG12.

General Information			
Features	Clean/High Purity		
	Good Dimensional Stability		
	Good Processability		
	Homopolymer		
	Low Residuals		
	Low to No Odor		
Uses	Caps		
	Closures		
	Medical/Healthcare Applications		
	Rigid Packaging		
Agency Ratings	Thin-walled Containers		
	DMF Unspecified Rating		
	EU Unspecified Rating		
RoHS Compliance	USP Class VI		
	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method

Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m <sup>2</sup>	ISO 179/1eA
Notched Izod Impact Strength (23°C)	3.7	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B

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#### Recommended distributors for this material

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