

Eltex® MED 100-MG03

Polypropylene Homopolymer
INEOS Olefins & Polymers Europe

Message:

Eltex® MED 100-MG03 is an homopolymer intended for extrusion and injection moulding applications requiring medium melt flow and good parison strength.

Applications

- General purpose thermoforming
- Rigid packaging
- Medical devices
- Flexible packaging

Benefits and Features

- Good processability and MFR consistency
- Good optical and barrier properties
- 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-MG03.

General Information	
Features	Barrier Resin
	Good Processability
	Good Strength
	Homopolymer
	Low Residuals
	Low to No Odor
	Medium Flow
	Opticals
Uses	Medical/Healthcare Applications
	Packaging
	Rigid Packaging
Agency Ratings	DMF Unspecified Rating
	EU Unspecified Rating
	USP Class VI
RoHS Compliance	Contact Manufacturer
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Flexural Modulus (23°C)	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	93.0	°C	ISO 75-2/B
Vicat Softening Temperature	156	°C	ISO 306/A
Peak Melting Temperature	163	°C	ASTM D3418

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

