



ELTEX[®] MED 100-MG12

Product Technical Information

Polypropylene-Homopolymer for Medical & Pharmaceutical injection moulding

ELTEX[®] MED 100-MG12 is a non-nucleated polypropylene homopolymer intended for injection moulding converting processes requiring medium melt flow and good dimensional stability.

ELTEX[®] MED 100-MG12 is produced according to Good Manufacturing Practices, and is available in granular form.

Applications

ELTEX[®] MED 100-MG12 is especially recommended for the manufacture by injection moulding of Caps & Closures intended for the primary packaging of medical and pharmaceutical applications.

Properties	Conditions	Test Methods	Values	Units
Rheological				
Melt Flow Rate	230°C/2.16kg	ISO 1133-1	12	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1400	MPa
Tensile Strength at Yield	23°C	ISO 527-1,-2	34	MPa
Izod Impact Strength, notched	23°C	ISO 180/A	3.7	kJ/m ²
Charpy Impact Strength, notched	23°C	ISO 179-1/1eA	3	kJ/m ²
Thermal				
Heat Deflection Temperature	0.45 MPa	ISO 75-2	90	°C
Data should not be used for specification work				

Compliance to Regulations on Medical use

ELTEX[®] MED 100-MG12

- complies with European Pharmacopeia Monographs 3.1.3 and 3.1.6
- meets the requirements of the USP 29, <88> guideline concerning the biological reactivity test in vivo (so-called USP class VI)

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration.

It is advised to process the product within maximum one year after delivery.