



Eltex® MED 200-MG02

Product Technical Information

Polypropylene – Random Copolymer for Medical & Pharmaceutical applications

Eltex® MED 200-MG02 is a random copolymer primarily intended for Blow-Fill-Seal and blow moulding but can also be used for injection or injection blow moulding.

Eltex® MED 200-MG02 is produced according to Good Manufacturing Practices, and is available in granular form.

Applications

- Bottles and containers for medical and pharmaceutical use
- Ampoules produced by the Blow-Fill-Seal process
- Medical devices

Benefits and Features

- Good optical properties
- Steam sterilizable at 121°C
- Easy processing

| Properties | | Test Methods | Values | Units |
|-----------------------------|--------------|--------------|--------|---------|
| Physical | | | | |
| Melt Flow Rate | 230°C/2.16kg | ISO 1133 | 1,8 | g/10min |
| Mechanical | | | | |
| Flexural Modulus | @23°C | ISO 178 | 900 | MPa |
| Tensile Strength | @Yield | ISO 527-1,-2 | 26 | MPa |
| Thermal | | | | |
| Vicat softening temperature | @10 N | ISO 306/A | 130 | °C |

- Data should not be used for specification work

Compliance to Regulations on Medical use :

Eltex® MED 200-MG02

- 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)