

ProTEX Med Polypropylene

Polypropylene Homopolymer, Fibre Grade, Low Water Carryover

Applications:

- Extrusion
- Injection Moulding
- Compression Moulding

Agency Information:

- Complies with ISO 10993-5 Cytotoxicity

Nominal Properties

Property	SI	Test Method
Density, kg/m ³	900	ISO 1183
Melt Flow Rate @230 °C, g/10 min	3.5	ISO 1133
Tensile Strength at Yield, 50 mm/min, MPa	34	ISO 527-2
Flexural Modulus Secant, 1.3 mm/min, MPa	1500	ISO 178
Notched Izod impact strength, @23°C	3.5	ISO 180
Heat deflection temperature, @0.455 MPa	87	ISO 75-2
Rockwell Hardness, R Scale	95	ISO 2039-2
Shore D hardness	66	ISO 868

Mechanical properties were determined using injection-moulded specimens (4mm) thick moulded per ISO 1873-2.

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

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Disclaimer

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