

Ensinger TECAPRO™ MT Medical Grade Polypropylene (PP)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

TECAPRO™ MT is an FDA approved homopolymer polypropylene based material with exceptionally low residual stress to facilitate the fabrication of dimensionally stable parts with varying cross sections.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-TECAPRO-MT-Medical-Grade-Polypropylene-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	35.00 MPa	5076 psi	ASTM D638
Elongation at Break	12 %	12 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Unnotched	0.480 J/cm	0.899 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	163 °C	325 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	86.1 °C	187 °F	ASTM D648

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