

# Ensinger TECAPRO™ MT

Polypropylene Homopolymer

Ensinger Inc.

## Message:

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.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	Homopolymer		
Uses	Medical/Healthcare Applications		
Agency Ratings	FDA Unspecified Rating		
Forms	Shapes		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	86.1	°C	ASTM D648
Melting Temperature	163	°C	ASTM D789

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## 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



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