

THERMOLAST® M TM0HET

TPE

KRAIBURG TPE GmbH & Co. KG

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	17	MPa	ISO 37
Strain at break	550	%	ISO 37
Compression set at 70 °C, 24h	95	%	ISO 815
Compression set at 100 °C, 24h	98	%	ISO 815
Tear strength	98.5	kN/m	ISO 34-1
Shore D hardness	52	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	60 - 80	°C	-
Pre-drying - Time	2 - 4	h	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization

Features

Good Adhesion, Weldable

Chemical Resistance

Radiation Resistance

Certifications

Food contact, Food approval 10/2011, Food approval FDA 21 CFR, Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved, Drug Master File, Long term supply assurance, RoHS compliant, REACH

Applications

Medical

Regional Availability

North America, Europe, Asia Pacific