

Tefabloc™ TO 113 40D

TPE

Mitsubishi Chemical Performance Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	1.2	%	
Molding shrinkage, normal	1.0	%	

S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	16.8	MPa	ISO 37
Strain at break	510	%	ISO 37
Compression set at 23 °C, 24h	55	%	ISO 815
Tear strength	75	kN/m	ISO 34-1
Shore D hardness	40	-	ISO 7619-1
Other Standards^[S]			
Stress at 100% elongation	15.1	MPa	ISO 37
Abrasion resistance	120	mm ³	DIN 53516

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1040	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Zone 1	170 - 180	°C	-
Zone 2	180 - 190	°C	-
Zone 3	190 - 200	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Opaque

Features

Soft Feel

Chemical Resistance

Alkali Resistance

Applications

Electrical and Electronical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific