Tefabloc™ TO 113 80A

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	**1.6**	%	
Molding shrinkage, normal	**1.4**	%	

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	**6.4**	MPa	ISO 37
Strain at break	**460**	%	ISO 37
Compression set at 23 °C, 24h	**34**	%	ISO 815
Tear strength	**34**	kN/m	ISO 34-1
Shore A hardness	**80**	-	ISO 7619-1
Other Standards[S]			
Stress at 100% elongation	**4.5**	MPa	ISO 37
Abrasion resistance	**250**	mm³	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	**1030**	kg/m³	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