

**Tefabloc™ TO 113 85A**

TPE

Mitsubishi Chemical Performance Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>1</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	<b>2.0</b>	%	
Molding shrinkage, normal	<b>1.7</b>	%	

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	<b>6.6</b>	MPa	ISO 37
Strain at break	<b>560</b>	%	ISO 37
Compression set at 23 °C, 24h	<b>40</b>	%	ISO 815
Tear strength	<b>40</b>	kN/m	ISO 34-1
Shore A hardness	<b>84</b>	-	ISO 7619-1
<b>Other Standards<sup>[S]</sup></b>			
Stress at 100% elongation	<b>4.9</b>	MPa	ISO 37
Abrasion resistance	<b>250</b>	mm <sup>3</sup>	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	<b>1030</b>	kg/m <sup>3</sup>	ISO 1183

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