

**Tenopom® B1 MF PRTA010 PR340**

POM

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	52	MPa	ISO 527
Yield strain	25	%	ISO 527
Flexural modulus, 23°C	1590	MPa	ISO 178
Flexural strength	65	MPa	ISO 178
Izod notched impact strength, +23°C	8.5	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	173	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	1390	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	190 - 210	°C	-
Mold temperature	70 - 80	°C	-

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Delivery form**

Black

**Regional Availability**

North America, Europe, South and Central America