

**Eco Meplen IC M10 BK**

PP

Mepol S.r.l.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>10</b>	g/10min	ISO 1133
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>1100</b>	MPa	ISO 527
Yield stress	<b>20</b>	MPa	ISO 527
Strain at break	<b>40</b>	%	ISO 527
Flexural modulus, 23°C	<b>1000</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>66</b>	-	ISO 7619-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>165</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 0.45 MPa	<b>95</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>145</b>	°C	ISO 306
Vicat softening temperature, B	<b>60</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>940</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Features**

Copolymer

**Certifications**

Recycled Resin Content

**Applications**

General Purpose

**Regional Availability**

Europe