

**Meplac ES 200**

ABS

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>23</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.5</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>45</b>	MPa	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural modulus, 23°C	<b>2350</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>17</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>10</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>0</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>96</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>99</b>	°C	ISO 306
Vicat softening temperature, B	<b>96</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding

**Regional Availability**

Europe

**Special Characteristics**

High impact or impact modified