

**Meplen EC M05 V0F**

PP

Mepol S.r.l.

Processing/Physical Characteristics	Value	Unit	Test Standard
<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	-
Molding shrinkage, parallel	<b>0.8</b>	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	<b>23</b>	MPa	ISO 527
Strain at break	<b>40</b>	%	ISO 527
Flexural modulus, 23°C	<b>1800</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>5.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>4.5</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>0</b>	°C	-
Shore D hardness	<b>75</b>	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>165</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>58</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>118</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>145</b>	°C	ISO 306
Vicat softening temperature, B	<b>78</b>	°C	ISO 306
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10

Other properties	Value	Unit	Test Standard
Density	<b>1060</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Anti-static, Flame retardant, Halogen-free, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

**Regional Availability**

Europe

**Features**

Copolymer