

**Meyloy 66H 31**

(PA66+PP)

Mepol S.r.l.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>51</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Flexural modulus, 23°C	<b>2100</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>17</b>	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	<b>77</b>	-	ISO 7619-1

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>260</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>80</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>160</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>225</b>	°C	ISO 306
Vicat softening temperature, B	<b>165</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>2.9</b>	%	Sim. to ISO 62
Density	<b>1100</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

Europe