

**MM-PP HE 81**

PP

MACOMASS Verkaufs AG

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>2.1</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 Strength	<b>30</b>	MPa	ISO 527
Strain at break	<b>70</b>	%	ISO 527
Flexural modulus, 23°C	<b>1450</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	<b>72</b>	MPa	ISO 2039-1
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>53</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>87</b>	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-
Burning behav. at thickness h	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>3.2</b>	mm	-
<b>Other properties</b>			
Density	<b>940</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Natural Color

**Features**

Homopolymer

**Special Characteristics**

Flame retardant

**Regional Availability**

Europe