

**EMLON 6 HV**

PA6

Emas Plastik San.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	2050	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Strain at break	20	%	ISO 527
Izod notched impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 180/1A
Shore D hardness	75	-	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	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	65	°C	ISO 75-1/-2
Vicat softening temperature, B	200	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1130	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	230 - 270	°C	-
Mold temperature	80 - 100	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Regional Availability**

Europe, Near East/Africa