

**LOXIAMID PA6/ABS HS1 09002**

(PA6+ABS)

Loxim Industries Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>30</b>	g/10min	ISO 1133
Temperature	<b>240</b>	°C	-
Load	<b>10</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Yield stress	<b>40</b>	MPa	ISO 527
Strain at break	<b>10</b>	%	ISO 527
Flexural modulus, 23°C	<b>1600</b>	MPa	ISO 178
Flexural strength	<b>65</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>65</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>11</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-40</b>	°C	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>62</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>90</b>	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1060</b>	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	<b>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.2</b>	%	-
Mold temperature	<b>70 - 100</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Ductile

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive

**Regional Availability**

North America, Europe, Asia Pacific