

**LOXIAMID PA6 GF30 HS2 03066**

PA6-GF30

Loxim Industries Limited

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>160</b>	MPa	ASTM D 638
Flexural Modulus	<b>9500</b>	MPa	ASTM D 790
Flexural Strength	<b>210</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>100</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>210</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>83</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.15</b>	%	-
Melt temperature	<b>270 - 295</b>	°C	-
Mold temperature	<b>80 - 95</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive

**Regional Availability**

North America, Europe, Asia Pacific