

LOXIAMID PA6 GF20 HS2 03063

PA6-GF20

Loxim Industries Limited

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	105	MPa	ASTM D 638
Flexural Modulus	4000	MPa	ASTM D 790
Flexural Strength	150	MPa	ASTM D 790
Izod Impact notched, 1/8 in	39	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	200	°C	ASTM D 648
DTUL @ 264 psi	165	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	83	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.15	%	-
Melt temperature	270 - 295	°C	-
Mold temperature	80 - 95	°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, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific