

LOXILENE PP IM3 08022

PP

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	17	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	750	MPa	ISO 178
Flexural strength	20	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	16	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 0.45 MPa	90	°C	ISO 75-1/-2
Vicat softening temperature, B	150	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	920	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	2	h	-
Processing humidity	≤0.2	%	-
Mold temperature	35 - 70	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific