

LOXISTER PC/PBT IM3 06002

(PC+PBT)

Loxim Industries Limited

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	55	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Izod notched impact strength, +23°C	55	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	50	kJ/m ²	ISO 180/1A
	0	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	110	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Mold temperature	65 - 90	°C	-

Characteristics**Processing**

Injection Molding

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