

LOXILLOY PC/ABS 1120-12 05012

(PC+ABS)

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	12	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Yield stress	52	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2550	MPa	ISO 178
Flexural strength	85	MPa	ISO 178
Izod notched impact strength, +23°C	45	kJ/m ²	ISO 180/1A
Izod notched impact strength	41	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	122	°C	ISO 75-1/-2
Vicat softening temperature, B	120	°C	ISO 306
Other properties			
Density	1130	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

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

Features

Ductile

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific