

LOXILLOY PC/ABS GF15 4110-12 05014

(PC+ABS)-GF15

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	12	cm ³ /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Melt flow index, MFI	14	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	85	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	5000	MPa	ISO 178
Flexural strength	120	MPa	ISO 178
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	110	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	120	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	75 - 85	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	235 - 265	°C	-
Mold temperature	60 - 90	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

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

Features

Ductile

Chemical Resistance

General Chemical Resistance

Applications

IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific