

LOXILLOY PC/ABS 1130-18 BK0501 05021

(PC+ABS)

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Yield stress	54	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	80	MPa	ISO 178
Izod notched impact strength, +23°C	50	kJ/m ²	ISO 180/1A
Izod notched impact strength	32	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	107	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	125	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306
Other properties			
Density	1150	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	260 - 280	°C	-
Mold temperature	60 - 100	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

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

Features

Ductile

Chemical Resistance

General Chemical Resistance

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific