

LOXILLOY PC/ABS 1130-25 05001

(PC+ABS)

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	50	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2300	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	36	kJ/m ²	ISO 180/1A
Temperature	-30	°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	115	°C	ISO 75-1/-2
Vicat softening temperature, B	130	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	275 - 300	°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, High Gloss

Chemical Resistance

General Chemical Resistance

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific