

LOXISTAL POM/PE MR10 LU 19003

(POM+PE)-K10

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	7	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	50	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	75	MPa	ISO 178
Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	190 - 210	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Features

Creep Resistance, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific