

LOXISTER PBT/PET TA20 14001

(PBT+PET)-T20

Loxim Industries Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	60	g/10min	ISO 1133
Temperature	265	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Stress at break	50	MPa	ISO 527
Flexural modulus, 23°C	4700	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Izod notched impact strength, +23°C	2	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	90	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200	°C	ISO 75-1/-2
Vicat softening temperature, B	175	°C	ISO 306
Other properties			
Density	1470	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250 - 265	°C	-
Mold temperature	65 - 90	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Chemical Resistance

General Chemical Resistance