

PULSE™ XT7215

(PC+ABS)-MX

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	29	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4600	MPa	ISO 527
Yield stress	58	MPa	ISO 527
Strain at break	20	%	ISO 527
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	104	°C	ISO 75-1/-2
Vicat softening temperature, B	122	°C	ISO 306
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183
Bulk density	630	kg/m ³	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	5.5	h	-
Melt temperature	255 - 280	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

High Gloss

Applications

Automotive

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa