

PULSE™ 630GF

(PC+ABS)-GX13

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4700	MPa	ISO 527
Yield stress	82	MPa	ISO 527
Yield strain	2.8	%	ISO 527
Strain at break	3.3	%	ISO 527
Flexural modulus, 23°C	4700	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
Puncture energy, +23°C	8	J	ISO 6603-2

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	113	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	122	°C	ISO 75-1/-2
ASTM Data			
Coefficient of Thermal Expansion, MD	34.2	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	59.4	E-6/K	ASTM D 696

Other properties	Value	Unit	Test Standard
Density	1170	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Heat stabilized or stable to heat

Features

Foamable, Good Adhesion, Thermal Stability

Applications

Automotive

Regional Availability

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