

**PULSE™ 920 MG**

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	4	g/10min	ISO 1133
Temperature	230	°C	-
Load	3.8	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2050	MPa	ISO 527
Yield stress	48	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Charpy notched impact strength, +23°C	22	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	20	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	127	°C	ISO 75-1/-2
Vicat softening temperature, A	142	°C	ISO 306
Vicat softening temperature, B	122	°C	ISO 306
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	50.4	E-6/K	ASTM D 696

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	250 - 290	°C	-
Mold temperature	50 - 90	°C	-

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Regional Availability**

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