

PULSE™ GX70 NAB

(PC+ABS)

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	50	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Charpy notched impact strength, +23°C	50	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	45	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	45	kJ/m ²	ISO 180/1A
Izod notched impact strength	40	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	96	°C	ISO 75-1/-2
Vicat softening temperature, B	116	°C	ISO 306
Coeff. of linear therm. expansion, parallel	76	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	78	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1110	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Heat stabilized or stable to heat

Features

Blending Resin, Low Odor

Chemical Resistance

Environmental Stress Crack Resistance

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, South and Central America