

# PULSE™ GX70

PC/ABS Engineering Resin

Trinseo

## Message:

PULSE GX70 is a PC/ABS blend which provides an optimized balance of outstanding low temperature ductility, with low gloss appearance, high heat resistance and easy flow. This resin provides low odor and VOC values which makes it especially suitable for the automotive interior use. The resin is available as natural and very suitable for self coloring and can also be supplied as factory colored.

General Information			
Features	Ductile		
	Good Flow		
	High Heat Resistance		
	Low Gloss		
	Low to No Odor		
	Low VOC		
Uses	Automotive Applications		
	Automotive Interior Parts		
Appearance	Colors Available		
	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm <sup>3</sup>	ISO 1183/B
Apparent Density	0.65	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	18	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (4.00 mm, Injection Molded)	2150	MPa	ISO 527-2/1
Tensile Stress (Yield, 4.00 mm, Injection Molded)	49.0	MPa	ISO 527-2/50
Tensile Strain (Break, 4.00 mm, Injection Molded)	> 80	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	50	kJ/m <sup>2</sup>	
23°C	55	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	97.0	°C	ISO 75-2/A

Vicat Softening Temperature			
--	117	°C	ISO 306/B50
--	119	°C	ISO 306/B120
CLTE - Transverse (-30 to 80°C)	7.5E-5	cm/cm/°C	ISO 11359-2
Flammability	Nominal Value	Unit	Test Method
Carbon Emission	9.00	µg/g	VDA 277

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#### Recommended distributors for this material

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