

Generic PETG

Polyethylene Terephthalate Glycol Comonomer

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PETG
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27 to 1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.35 to 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	105 to 108		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	49.8 to 53.1	MPa	
Break, 23°C	26.0 to 29.1	MPa	
Tensile Elongation			ASTM D638
Yield, 23°C	4.0 to 8.4	%	
Break, 23°C	120 to 190	%	
Flexural Modulus (23°C)	2070 to 2170	MPa	ASTM D790
Flexural Strength (23°C)	52.0 to 80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69 to 120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	69.8 to 70.2	°C	
1.8 MPa, Unannealed	61.6 to 64.0	°C	
Optical	Nominal Value	Unit	Test Method
Transmittance	89.0 to 90.1	%	ASTM D1003

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