

# Generic PBT+PET

Polybutylene Terephthalate + PET

Generic

Message:

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

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43 - 1.66	g/cm³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.43 - 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (23°C)	80 - 120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	48.0 - 96.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	1.8 - 4.3	%	ASTM D638
Flexural Modulus (23°C)	2480 - 12100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35 - 130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	205 - 207	°C	ASTM D648
1.8 MPa, not annealed	148 - 199	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121 - 150	°C	
Drying Time	3.0 - 5.0	hr	
Processing (Melt) Temp	255 - 266	°C	
Mold Temperature	69.3 - 80.4	°C	
Injection instructions			

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