



CP08-N0009

Polybutylene Terephthalate

Mineral Filled, Metallizable

5401 N Hwy 41 / Suite 1000 Evansville, IN 47711 • Phone: 812.426.1350 • FAX: 888.855.3671 • www.cpptech.com

Physical	Method	Typical Value	Units
Specific Gravity	ASTM D792	1.49	
Mold Shrink, Linear Flow (0.125 in)	ASTM D955	0.015	in/in
Impact			
Notched Izod Impact (73°F, 0.125 in)	ASTM D256	0.5	ft-lbf/in
Mechanical			
Tensile Strength @ Break	ASTM D638	8,000	psi
Flexural Strength @ Break	ASTM D790	14,500	psi
Flexural Modulus	ASTM D790	600,000	psi
Thermal			
Deflection Temperature Under Load			
0.250 in, 66 psi	ASTM D648	367	°F
0.250 in, 264 psi	ASTM D648	219	°F

Information provided is based on typical values from reliable procedures. Values are based on natural or black materials unless otherwise noted. No guarantees or warranties of any kind are expressed or implied. Users are responsible for determining the suitability of the product for their intended application.

Recommended Processing Parameters

Drying Temperature	250°F
Drying Time	3.0 - 4.0 Hours
Suggested Maximum Moisture Content	0.02%
Rear Temperature	450 - 490 °F
Middle Temperature	460 - 500 °F
Front Temperature	470 - 510 °F
Nozzle Temperature	460 - 500 °F
Processing (Melt) Temperature	470 - 510 °F
Mold Temperature	150 - 190 °F

CPPT recommended processing parameters are meant to serve as guidelines only and are not intended to be used for specification purposes. Conditions should be adjusted to optimize material performance with the equipment part design and tooling.