



CP53-N0012
Polycarbonate / PBT Alloy

Extrusion Grade

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
Melt Flow @ 266°C / 5.0kg	ASTM D1238	7	g/10 min
Specific Gravity	ASTM D792	1.19	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.007	in/in

Impact

Notched Izod Impact (.125 in) 73°F	ASTM D256	13.0	ft-lbs/in
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Mechanical

Tensile Strength @ Yield	ASTM D638	7,000	psi
Tensile Elongation @ Break	ASTM D638	>75	%
Flexural Strength	ASTM D790	9,800	psi
Flexural Modulus	ASTM D790	280,000	psi

Thermal

Deflection Temperature Under Load			
.125 in, 66 psi	ASTM D648	210	°F
.125 in, 264 psi	ASTM D648	185	°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.