



## Zenith Copolyester Physical Properties Datasheet

Property	Test Method	Value	Comment
Melt Flow Index/ g/10 mins	ASTM D1238	5 – 15	
Density/ gcm <sup>-3</sup>	ASTM D792	1.27	Resin Manufacturer data
Heat Deflection Temperature/ °C *	ASTM D648 at 66 psi	71	
Flexural Peak Stress/ psi *	ASTM D790	8650	
Flexural Modulus/ kpsi *	ASTM D790	225	
Tensile Strength at Yield/ psi *	ASTM D638, Type IV	6365	
Tensile Elongation/ % *	ASTM D638, Type IV	21.4	
Tensile Modulus/ kpsi *	ASTM D638, Type IV	233	
Notched Izod Impact/ Jm <sup>-1</sup> *	ASTM D256	70	

\* 3D printed test specimens, 100 % solid, y-axis orientation