

STAR PBT GF15

General	
Availability	Global
Processing Method	Injection Molding
Description	15% Glass Filled, High Heat PBT

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.4	ASTM D792
Melt Mass-Flow Rate	8 g/10 min	ASTM D1238

Mechanical	Nominal Value	Test Method
Tensile Strength (Yield, .125 in)	13500 psi	ASTM D638
Tensile Strength (Break, .125 in)	13500 psi	ASTM D638
Flexural Modulus (.125 in)	700000 psi	ASTM D790
Flexural Strength (.125 in)	21000 psi	ASTM D790

Impact	Nominal Value	Test Method
Notched Izod Impact	1 ft lb/in	ASTM D256

Thermal	Nominal Value	Test Method
Deflection Temperature Under Load (66 psi, unannealed)	400 F	ASTM D648
Deflection Temperature Under Load (264 psi, unannealed)	370 F	ASTM D648

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.