

STAR PA66 GF13

General	
Availability	Global
Processing Method	Injection Molding
Description	13% Glass Filled Nylon 6/6

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.21 g/cm ³	ASTM D792

Mechanical	Nominal Value	Test Method
Tensile Strength (Yield, 23 C)	114 MPa	ASTM D638
Tensile Elongation (Break)	3%	ASTM D638
Flexural Modulus	5170 MPa	ASTM D790
Flexural Strength	169 MPa	ASTM D790

Impact	Nominal Value	Test Method
Notched Izod Impact (23 C)	53 J/m	ASTM D256

Thermal	Nominal Value	Test Method
Deflection Temperature Under Load		ASTM D648
.45 MPa, Unannealed	260 C	
1.8 MPa, Unannealed	243 C	

Flammability		
Flame Rating	HB	UL 94

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.