

STAR PA66 GF33

General	
Availability	Global
Processing Method	Injection Molding
Description	33% Glass Filled Nylon 6/6

Physical	Nominal Value	Test Method
Density/Specific Gravity	1.39 g/cm3	ASTM D792

Mechanical	Nominal Value	Test Method
Tensile Strength (Yield, 23 C)	183 MPa	ASTM D638
Tensile Elongation (Break)	3%	ASTM D638
Flexural Modulus	10400 MPa	ASTM D790
Flexural Strength	293 MPa	ASTM D790

Impact	Nominal Value	Test Method
Notched Izod Impact (23 C)	110 J/m	ASTM D256

Thermal	Nominal Value	Test Method
Deflection Temperature Under Load		ASTM D648
.45 MPa, Unannealed	260 C	
1.8 MPa, Unannealed	249 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.