STAR PA6 GF15

General	
Availability	Global
Processing Method	Injection Molding
Description	15% Glass Filled Nylon 6

Physical	Nominal Value	Test Method
Density/Specific Gravity	1240 kg/m3	ISO 1183
Molding Shrinkage		ISO 294-4
Lengthwise (24 hr)	.2-.4%	
Lateral (24 hr)	.6-.8%	

Mechanical	Nominal Value	Test Method
Tensile Modulus (23 C)	5500 MPa	ISO 178
Flexural Strength	170 MPa	ISO 178
Tensile Modulus	5700 MPa	ISO 527
Tensile strength at break	115 MPa	ISO 527
Tensile elongation at break	3.5%	ISO 527

Impact	Nominal Value	Test Method
Charpy notched impact	6 kJ/m2	ISO 179/1eA
Charpay impact strength	45 kJ/m2	ISO 179/1eU

Thermal	Nominal Value	Test Method
HDT/A (1,8 MPa)	200 C	ISO 75-1/-2
DSC (Melt Point)	221 C	ISO 11357

Flammability		
Flame Rating	HB	UL 94