

General Information			
Product Description			
Un-reinforced; PPE/PA66 alloy			
General			
Uses	- Automotive Applications - Automotive Electronics	- Electrical/Electronic Applications - General Purpose	
ASTM & ISO Properties ¹			
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (275°C/2.16 kg)	1.8	cm ³ /10min	ISO 1133
Molding Shrinkage			Internal Method
Across Flow : 3.20 mm	1.1 to 1.3	%	
Flow : 3.20 mm	1.1 to 1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-1/1
Tensile Stress (Yield)	65.0	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	4.5	%	
Break	50	%	
Flexural Modulus ²	2500	MPa	ISO 178
Flexural Stress ²	100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/B
0.45 MPa, Unannealed	190	°C	
CLTE - Flow	7.0E-5	cm/cm/°C	ISO 11359-2

