

NYPOL A3 G10 NTLA010 NR512**Product Description**

10% Glass Fiber, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF10
Filler / Reinforcement	· Glass Fiber, 10% Filler by Weight
Processing	· Injection Molding · Extrusion
Color	· Natural

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1,21	g/cm ³	ASTM D 1238/A

Mechanical	DAM	50%RH	Unit	Method
Tensile Strength	120	80	MPa	ASTM D 638
Elongation at Break	3	8	%	ASTM D 638
Flexural Strength	190	140	MPa	ASTM D 790
Flexural Modulus	5300	3000	MPa	ASTM D 790
Izod Impact Strength			kJ/m ²	ASTM D 256
23°C	48	52		
Izod Notched Impact Strength			kJ/m ²	ASTM D 256
23°C	4,5	4		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ISO 3146-A
Heat Deflection Temperature		°C	ASTM D 648
1,82 MPa	230		

Process	Value	Unit	Method
Molding Process Temperature	260 to 280	°C	--
Mold Temperature	65 to 120	°C	--
Drying	80/4	°C/Hours	--

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