

NYPOL A3 G30 HL PRT0478 NR513 MSP**Product Description**

Lubricated, 30% Glass Fiber, Polyamide 66

General Considerations

Resin ID (ISO 1043)	· PA66 GF30	
Filler / Reinforcement	· Glass Fiber, 30% Filler by Weight	
Processing	· Injection Molding	· Extrusion
Color	· Black	· Black Titan 82V

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

Physical	Value	Unit	Method
Density / Specific Gravity	1,36	g/cm ³	ASTM D 1238/A

Mechanical	Value	Unit	Method
Yield Strength	170	MPa	ISO 527-1-2
Yield Strain	5	%	ISO 527-1-2
Flexural Strength	250	MPa	ISO 178
Flexural Modulus	7500	MPa	ISO 178
Izod Impact Strength		kJ/m ²	ISO 180/1U
23°C	60		
Izod Notched Impact Strength		kJ/m ²	ISO 180/1A
23°C	12		

Thermal	Value	Unit	Method
Melting Point	250 to 265	°C	ISO 3146-A
Heat Deflection Temperature		°C	ISO 75
1,82 MPa	240		

Process	Value	Unit	Method
Molding Process Temperature	290 to 305	°C	--
Mold Temperature	70 to 120	°C	--
Drying	80/3 to 4	°C/Hours	--

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