

**NYPOL A3 G5 TZ UV CNZ0355 NR526****Product Description**

5% Glass Fiber, Impact Modified, UV Stabilized, Polyamide 66

**General Considerations**

Resin ID (ISO 1043)	· PA66 GF5
Filler / Reinforcement	· Glass Fiber, 5% Filler by Weight
Processing	· Injection Molding
Color	· Gray

<b>Physical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Density / Specific Gravity	1,17	g/cm <sup>3</sup>	ASTM D 792/A

<b>Mechanical</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Yield Stress	80	MPa	ISO 527-1-2
Yield Strain	3	%	ISO 527-1-2
Flexural Strength	110	MPa	ISO 178
Flexural Modulus	3400	MPa	ISO 178
Izod Notched Impact Strength 23°C	4	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal</b>	<b>Value</b>	<b>Unit</b>	<b>Method</b>
Heat Deflection Temperature 1,82 Mpa	221	°C	ISO 75-1-2
Melting Point	260	°C	--

<b>Process</b>		<b>Unit</b>	<b>Method</b>
Molding Process Temperature	270 to 300	°C	--
Mold Temperature	80 to 120	°C	--
Drying	80/4	°C/Hours	--

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