

**TRIMID® N60G33HL NAT**

PA6-GF33

Amco Polymers

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Stress at break	180 / 117	MPa	ISO 527
Strain at break	2 / 5	%	ISO 527
Flexural modulus, 23°C	9380 / 5830	MPa	ISO 178
Flexural strength	271 / 168	MPa	ISO 178
Charpy notched impact strength, +23°C	14.9 / 29.4	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	14.9 / 29.4	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	212 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	224 / *	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	1400 / -	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	82.2	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	232 - 271	°C	-
Mold temperature	21.1 - 93.3	°C	-
Zone 1	216	°C	-
Zone 2	227 - 254	°C	-
Zone 3	238 - 266	°C	-
Nozzle temperature	238 - 266	°C	-
Screw speed	40 - 80	rpm	-
Injection pressure	82.7 - 172	MPa	-
Back pressure	0 - 0.345	MPa	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Delivery form**

Pellets, Natural Color

**Certifications**

RoHS compliant

**Additives**

Lubricants

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa