

**TRIMID® N6000L BK**

PA6

Amco Polymers

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>85.5</b>	MPa	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>2827</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>64.1</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 66 psi	<b>174</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>62.8</b>	°C	ASTM D 648
Melting Temperature	<b>216</b>	°C	ASTM D 3418

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>1.6</b>	%	ASTM D 570
Density	<b>1140</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Additives**

Lubricants

**Delivery form**

Pellets, Black

**Regional Availability**

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