

**Hylon® N1000MDL**

PA66

Ravago Manufacturing Americas

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.015</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>82.7 / -</b>	MPa	ASTM D 638
Elongation at Break	<b>10 / -</b>	%	ASTM D 638
Flexural Modulus	<b>3030 / -</b>	MPa	ASTM D 790
Flexural Strength	<b>117 / -</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>53 / -</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 @ 264 psi	<b>98.9</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>1.2</b>	%	ASTM D 570
Density	<b>1160</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Regional Availability**

North America

**Additives**

Lubricants