

**Hylon® N2033TL**

PA6-GF33

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>0.003</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>148 / -</b>	MPa	ASTM D 638
Elongation at Break	<b>2 / -</b>	%	ASTM D 638
Flexural Modulus	<b>7580 / -</b>	MPa	ASTM D 790
Flexural Strength	<b>193 / -</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 82 /</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>160 / -</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>32</b>	E-6/K	ASTM D 696
<b>Other properties</b>			
<b>ASTM Data</b>			
Water Absorption, 24hr	<b>1</b>	%	ASTM D 570
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Additives**

Lubricants

**Special Characteristics**

High impact or impact modified

**Regional Availability**

North America