

**Hylon® N2040ML**

PA6-MX40

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.009</b>	mm/mm	ASTM D 955

Mechanical properties	dry / cond	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>89.6 / 51.7</b>	MPa	ASTM D 638
Elongation at Break	<b>1.5 / -</b>	%	ASTM D 638
Flexural Modulus	<b>5860 / 2690</b>	MPa	ASTM D 790
Flexural Strength	<b>128 / 75.8</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 119 /</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>59 / 75</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>50</b>	E-6/K	ASTM D 696
DTUL @ 264 psi	<b>120</b>	°C	ASTM D 648

Electrical properties	dry / cond	Unit	Test Standard
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>20 / -</b>	kV/mm	ASTM D 149
Volume Resistivity	<b>1E11 / -</b>	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>1.1</b>	%	ASTM D 570
Density	<b>1490</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Additives**

Lubricants

**Delivery form**

Pellets, Natural Color

**Regional Availability**

North America