

**Hylon® N1240MGHL BK**

PA66-(GF+MX)40

Ravago Manufacturing Americas

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.6 / *</b>	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0055</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Yield stress	<b>113 / -</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>8400 / -</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>4.2 / -</b>	kJ/m <sup>2</sup>	ISO 180/1A
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>114 / -</b>	MPa	ASTM D 638
Elongation at Break	<b>1.8 / -</b>	%	ASTM D 638
Flexural Modulus	<b>8620 / -</b>	MPa	ASTM D 790
Flexural Strength	<b>172 / -</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 98 /</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>53 / -</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>229</b>	°C	ASTM D 648
<b>Other properties</b>			
<b>dry / cond</b>			
Density	<b>1490 / -</b>	kg/m <sup>3</sup>	ISO 1183
Water Absorption, 24hr	<b>0.8</b>	%	ASTM D 570
Density	<b>1490</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets, Black

**Additives**

Lubricants

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Low Warpage

**Applications**

Automotive

**Regional Availability**

North America