

Hylon® N1240MHL BK

PA66-MX40

Ravago Manufacturing Americas

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.0085	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	85 / -	MPa	ISO 527
Flexural modulus, 23°C	7200 / -	MPa	ISO 178
Izod notched impact strength, +23°C	3.5 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	86.2 / -	MPa	ASTM D 638
Elongation at Break	1.8 / -	%	ASTM D 638
Flexural Modulus	7240 / -	MPa	ASTM D 790
Flexural Strength	138 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	37 / -	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	192	°C	ASTM D 648
Other properties			
dry / cond			
Density	1500 / -	kg/m ³	ISO 1183
Density	1500	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets, Black

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Features

Low Warpage

Regional Availability

North America