

Hylon® N1000MD5L

PA66

Ravago Manufacturing Americas

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

Mechanical properties	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	86.2 / -	MPa	ASTM D 638
Elongation at Break	10 / -	%	ASTM D 638
Flexural Modulus	3100 / -	MPa	ASTM D 790
Flexural Strength	117 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	59 / -	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	98.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1160	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Additives

Lubricants