

Hylon® N1233HL BK

PA66-GF33

Ravago Manufacturing Americas

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4 / *	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Yield stress	160 / -	MPa	ISO 527
Flexural modulus, 23°C	8280 / -	MPa	ISO 178
Izod notched impact strength, +23°C	6 / -	kJ/m ²	ISO 180/1A
ASTM Data			
Tensile Strength at Yield	162 / -	MPa	ASTM D 638
Elongation at Break	2 / -	%	ASTM D 638
Flexural Modulus	8270 / -	MPa	ASTM D 790
Flexural Strength	221 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80 / -	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	241 / *	°C	ISO 75-1/-2
ASTM Data			
DTUL @ 264 psi	241	°C	ASTM D 648
Other properties			
Density	1390 / -	kg/m ³	ISO 1183
Density	1390	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets, Black

Applications

Automotive

Additives

Lubricants

Regional Availability

North America

Special Characteristics

Heat stabilized or stable to heat