

Hylon® N2043HL

PA6-GF43

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	221 / -	MPa	ASTM D 638
Elongation at Break	2 / -	%	ASTM D 638
Flexural Modulus	11700 / -	MPa	ASTM D 790
Flexural Strength	290 / -	MPa	ASTM D 790
Rockwell Hardness	R 121 /	-	ASTM D 785
Izod Impact notched, 1/8 in	150 / -	J/m	ASTM D 256
Thermal properties			
	Value	Unit	Test Standard
ASTM Data			
Coefficient of Thermal Expansion, MD	31	E-6/K	ASTM D 696
DTUL @ 264 psi	221	°C	ASTM D 648
Electrical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	28 / -	kV/mm	ASTM D 149
Volume Resistivity	1E12 / -	Ohm*cm	ASTM D 257
Other properties			
	Value	Unit	Test Standard
Water Absorption, 24hr	0.9	%	ASTM D 570
Density	1490	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Natural Color

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

North America