

Hylon® N1025HLFRA

PA66-GF25

Ravago Manufacturing Americas

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
	dry / cond	Unit	Test Standard
ASTM Data			
Tensile Strength	130 / -	MPa	ASTM D 638
Elongation at Break	2 / -	%	ASTM D 638
Flexural Modulus	8000 / -	MPa	ASTM D 790
Flexural Strength	150 / -	MPa	ASTM D 790
Izod Impact notched, 1/8 in	75 / -	J/m	ASTM D 256
Thermal properties			
	dry / cond	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	3.0 / *	mm	-
Burning behav. 5V at thickness h	5VA / *	class	IEC 60695-11-20
Thickness tested	3.0 / *	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	180	°C	ASTM D 648
Other properties			
	Value	Unit	Test Standard
Density	1490	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Additives

Lubricants

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Regional Availability

North America