NYTEX COMPOSITES CO., LTD.
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Product Information

NYLOY® NG-0033N-V0

● Nylon 6 ● 33% Glass Fiber Reinforced/Flame Retardant ● Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	20625.89
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	psi	29160.74
Flexural Modulus	ASTM D790	psi	1354196.3
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	1.83
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-117
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	410
66 psi		°F	-
OTHER			
Density	ASTM D792	lb/in^3	0.0498
Mold Shrinkage	ASTM D955		-
Normal		%	1
Parallel		%	0.38
Moisture Contents	-	%	-
Flammability	UL-94	1/16 in	V0
	UL-94	1/8 in	-
REMARK			
(1) This data is for reference only.			