



NYTEX COMPOSITES CO., LTD.

TEL:02-26963366 FAX:02-26963399
http://www.nytex.com.tw

Product Information

NYLOY[®] NG-1050N

- Nylon 6
- 50% Glass Fiber Reinforced/Impact Modified
- Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	24182.08
Elongation	ASTM D638	%	2.5
Flexural Strength	ASTM D790	psi	35561.88
Flexural Modulus	ASTM D790	psi	1635846.37
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	4.95
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-116
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	410
66 psi		°F	-
ELECTRICAL			
Arc Resistance	ASTM D495	sec	-
CTI,solution A	IEC 60112	-	-
OTHER			
Density	ASTM D792	lb/in ³	0.0477
Mold Shrinkage ⁽²⁾	ASTM D955	x10 ⁻³ in/in	1.7-2.7
Moisture Contents	-	%	-
Flammability	UL-94	1/16 in	-
	UL-94	1/8 in	-
REMARK			
(1) This data is for reference only.			
(2) Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm.			