



NYPLA INDUSTRIAL CO., LTD.

TEL: 626-6264889 FAX: 626-6264898
http://www.nypla.com

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	-
OTHER			
Density	ASTM D792	lb/in ³	0.0477
Mold Shrinkage	ASTM D955		-
Normal		%	0.86
Parallel		%	0.33
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			