



NYTEX COMPOSITES CO., LTD.

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

Product Information

NYLOY[®] NG-1112B

- Nylon 6
- 12% Glass Fiber Reinforced/Impact Modified
- Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	850 (83.42)
Elongation	ASTM D638	%	4
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1290 (126.59)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	4.25x10 ⁴ (4170.76)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	14.0 (137.25)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-114
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm ²) (1.82MPa)		°C	190
(4.6kg/cm ²) (0.46MPa)		°C	-
OTHER			
Density	ASTM D792	g/cm ³	1.187
Mold Shrinkage	ASTM D955		-
Normal		%	0.91
Parallel		%	0.61
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			