



NYTEX COMPOSITES CO., LTD.

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

Product Information

NYLOY[®] NS-0100B-1

• Nylon 6 • Impact Modified • Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	495 (48.58)
Elongation	ASTM D638	%	45
Flexural Strength	ASTM D790	kg/cm ² (MPa)	750 (73.6)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	2.11x10 ⁴ (2070.66)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	60.0 (588.24)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	-
Hardness Shore D	ASTM D2240	-	D-74
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm ²) (1.82MPa)		°C	-
(4.6kg/cm ²) (0.46MPa)		°C	-
OTHER			
Density	ASTM D792	g/cm ³	1.088
Mold Shrinkage	ASTM D955		-
Normal		%	1.35
Parallel		%	1.13
Moisture Contents	-	%	-
REMARK			
⁽¹⁾ This data is for reference only.			