



# NYTEX COMPOSITES CO., LTD.

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

## Product Information

## NYLOY<sup>®</sup> M-0100B-V0

- Nylon 66 • Flame Retardant • Black

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	620 (60.84)
Elongation	ASTM D638	%	21
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	990 (97.15)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	2.90x10 <sup>4</sup> (2845.93)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	7.5 (73.53)
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-79
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm <sup>2</sup> ) (1.82MPa)		°C	-
(4.6kg/cm <sup>2</sup> ) (0.46MPa)		°C	-
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.285
Mold Shrinkage	ASTM D955		-
Normal		%	1.26
Parallel		%	1.11
Moisture Contents	-	%	-
Flammability	UL-94	1.6mm	V0
	UL-94	3.2mm	-
<b>REMARK</b>			
(1) This data is for reference only.			