



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] MS-0100B

- Nylon 66 • Impact Modified • Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	5832.15
Elongation	ASTM D638	%	120
Flexural Strength	ASTM D790	psi	8392.6
Flexural Modulus	ASTM D790	psi	207681.37
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	20.18
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	14.68
Hardness Rockwell R Scale	ASTM D785	-	-
Hardness Shore D	ASTM D2240	-	D-72
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	-
66 psi		°F	-
OTHER			
Density	ASTM D792	lb/in ³	0.0332
Mold Shrinkage	ASTM D955		-
Normal		%	1.68
Parallel		%	1.53
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			