



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] MG-0833B

- Nylon 66 • 33%Glass Fiber Reinforced • Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	1400 (137.39)
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	kg/cm ² (MPa)	2000 (196.27)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	8.0x10 ⁴ (7850.83)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	8.0 (78.43)
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	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm ²) (1.82MPa)		°C	225
(4.6kg/cm ²) (0.46MPa)		°C	235
OTHER			
Density	ASTM D792	g/cm ³	1.380
Mold Shrinkage	ASTM D955		-
Normal		%	1.03
Parallel		%	0.34
Moisture Contents	-	%	-
Flammability	UL-94	1.6mm	HB
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			