



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY[®] MG-1033NM

- Nylon 66
- 33% Glass Fiber Reinforced/Impact Modified
- Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	21337.13
Elongation	ASTM D638	%	3
Flexural Strength	ASTM D790	psi	32716.93
Flexural Modulus	ASTM D790	psi	1109530.58
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	4.04
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-115
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	455
66 psi		°F	-
OTHER			
Density	ASTM D792	lb/in ³	0.0422
Mold Shrinkage	ASTM D955		-
Normal		%	1.11
Parallel		%	0.44
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			