



NYPLA INDUSTRIAL 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	ISO 527	MPa	125
Elongation	ISO 527	%	1.9
Flexural Strength	ISO 178	MPa	180
Flexural Modulus	ISO 178	MPa	8000
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	7.8
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	R-114
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	-
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm ³	1.39
Mold Shrinkage	ISO 294-4		-
Normal		%	1.03
Parallel		%	0.34
Ash Content	-	%	33
REMARK			
(1) This data is for reference only.			