



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY® NG-0830B

• Nylon 6 • 30% Glass Fiber Reinforced • Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	20625.89
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	psi	29587.48
Flexural Modulus	ASTM D790	psi	1366998.58
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	1.74
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-116
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	410
66 psi		°F	-
OTHER			
Density	ASTM D792	lb/in ³	0.0419
Mold Shrinkage	ASTM D955		-
Normal		%	1.08
Parallel		%	0.39
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			