



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	ISO 527	Mpa	130
Elongation	ISO 527	%	2
Flexural Strength	ISO 178	MPa	230
Flexural Modulus	ISO 178	MPa	8200
Charpy Impact, Notched 23°C	ISO 179/ 1eA	kJ/m ²	6
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	R-116
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	-
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm ³	1.36
Mold Shrinkage	ISO 294-4		-
Normal		%	1.08
Parallel		%	0.39
Ash Content	-	%	30
REMARK			
(1) This data is for reference only.			