



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] PG-2040N

• PP • 40% Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	11664.3
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	psi	17780.94
Flexural Modulus	ASTM D790	psi	1066860
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	1.56
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-106
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	309.2
66 psi		°F	320
OTHER			
Density	ASTM D792	lb/in ³	0.0397
Mold Shrinkage	ASTM D955		-
Normal		%	1.01
Parallel		%	0.48
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			