



Product Information

NYLOY® PG-0030N

- PP
- 30% Glass Fiber Reinforced
- Natural

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	760 (74.58)
Elongation	ASTM D638	%	3
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1080 (105.99)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	5.35x10 ⁴ (5250.257)
Izod Impact, Notched 23°C	ASTM D256	kg-cm/cm (J/M)	7.6 (74.51)
IZOD Impact, Notched 1/8" -4°F	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-97
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°C	147
66 psi		°C	158
OTHER			
Density	ASTM D792	g/cm ³	1.12
Mold Shrinkage	ASTM D955		-
Normal		%	1
Parallel		%	0.63
Flammability	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			