SHANGHAI NYTEX COMPOSITES
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Product Information

NYLOY® NG-1045N

● Nylon 6 ● Glass Fiber Reinforced ● Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	28449.5
Elongation	ASTM D638	%	3
Flexural Strength	ASTM D790	psi	48364.15
Flexural Modulus	ASTM D790	psi	1763875.2
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	3.68
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	-
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	-
66 psi		°F	-
ELECTRICAL			
Arc Resistance	ASTM D495	sec	-
CTI,solution A	IEC 60112	-	-
OTHER			
Density	ASTM D792	lb/in^3	0.0465
Mold Shrinkage(2)	ASTM D955	-	-
Moisture Contents	-	%	-
Flammability	UL-94	1/16 in	-
	UL-94	1/8 in	-

REMARK

(1) This data is for reference only.

(2) Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm.