

**NYPLA INDUSTRIAL CO., LTD.**TEL: 626-6264889 FAX: 626-6264898  
http://www.nypla.com**Product Information****NYLOY® GT-0010N 20N1**

● PLA ● Nature

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	psi	2560.46
Elongation	ASTM D638	%	1.0
Flexural Strength	ASTM D790	psi	5689.9
Flexural Modulus	ASTM D790	psi	853488
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	0.37
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	-
Hardness Shore D	ASTM D785	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
264 psi		°F	-
264 psi		°F	-
<b>ELECTRICAL</b>			
Arc Resistance	ASTM D495	sec	-
CTI,solution A	IEC 60112	-	-
<b>OTHER</b>			
Density	ASTM D792	lb/in <sup>3</sup>	0.0565
Mold Shrinkage	ASTM D955	-	-
Moisture Contents	-	%	-
Flammability	UL-94	1/16 in	-
	UL-94	1/8 in	-
<b>REMARK</b>			
(1) This data-sheet is for reference only .			