



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## NYLOY® GT-0010N ST10

- PLA • Impact Modified Grade • Nature

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	450 (41.2)
Elongation	ASTM D638	%	25
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	800 (78.5)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	28500 (2796.9)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	25 (245)
<b>THERMAL</b>			
Heat Deflection Temp (4.6kg/cm <sup>2</sup> ) (0.45MPa)	ASTM D648	°C	55
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.23
<b>REMARK</b>			
<sup>(1)</sup> This data is for reference only.			