



NYPLA INDUSTRIAL CO., LTD.

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NYLOY[®] GT-0010N HT092MC

Product Information

• PLA • Heat Resistance Modified Grade • Nature

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	550 (54.0)
Elongation	ASTM D638	%	0.5
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1000 (98.1)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	49000 (4808.6)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	3.0 (29.4)
THERMAL			
Heat Deflection Temp (4.6kg/cm ²) (0.45MPa)	ASTM D648	°C	135
OTHER			
Density	ASTM D792	g/cm ³	1.3
REMARK			
(1) This data is for reference only.			