



# NYPLA INDUSTRIAL CO., LTD.

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## Product Information

## NYLOY<sup>®</sup> D-0300N

• PC/ABS • High Impact • Natural

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	539 (52.86)
Elongation	ASTM D638	%	110
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	896 (87.87)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	2.28x10 <sup>4</sup> (2236)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	85.0 (833.2)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	73.5 (720.5)
Hardness Rockwell R Scale	ASTM D785	-	-
Hardness Shore D	ASTM D2240	-	D-77
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm <sup>2</sup> ) (1.82MPa)		°C	100
(4.6kg/cm <sup>2</sup> ) (0.46MPa)		°C	120
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.09
Mold Shrinkage	ASTM D955	%	0.75
Moisture Contents	-	%	-
<b>REMARK</b>			
(1) This data is for reference only.			