



# NYPLA INDUSTRIAL CO., LTD.

TEL: 626-6264889 FAX: 626-6264898  
http://www.nypla.com

## Product Information

## TOYOLAC 100-322

• ABS • General Purpose • Impact Modified

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	500 (49.07)
Elongation	ASTM D638	%	48
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	750 (73.6)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	2.35x10 <sup>4</sup> (2306.18)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	27 (264.71)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-113
Hardness Shore D	ASTM D2240	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm <sup>2</sup> ) (1.82MPa)		°C	87
(4.6kg/cm <sup>2</sup> ) (0.46MPa)		°C	-
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.04
Mold Shrinkage <sup>(2)</sup>	ASTM D955	x10 <sup>-3</sup> mm/mm	4-6
Moisture Contents	-	%	-
<b>REMARK</b>			
<sup>(1)</sup> This data is for reference only.			
<sup>(2)</sup> Shrinkage parallel to flow. Test box dimensions of base(129×2.7×3.2) mm.			