

## Electro-plating ABS, POLYLAC<sup>®</sup> Characteristics

April 26, 2012

Properties	Test Method	Test Condition	Unit	PA-726M
Tensile Strength	ASTM D638	3mm, 6mm/min	Kg/cm <sup>2</sup>	390
Tensile Elongation	ASTM D638	3mm, 6mm/min	%	30
Flexural Strength	ASTM D790	6mm, 2.8 mm/min	Kg/cm <sup>2</sup>	590
Flexural Modulus	ASTM D790	6mm, 2.8 mm/min	Kg/cm <sup>2</sup>	21800
Izod Impact Strength	ASTM D256 (Notched)	6mm, 23	Kg-cm/cm	25
		3mm, 23		27
Melt Flow Index	ASTM D1238	200 , 5Kg	g/10min	2.1
		220 , 10Kg		26
Hardness	ASTM D785	-	R Scale	112
Specific Gravity	ASTM D792	23	-	1.04
Vicat Softening Temp.	ASTM D1525	3mm, 50 /hr, 1kg °C		105
Heat Distortion Temp.	ASTM D648	Annealed		100
		Unannealed		85
Flammability	UL 94	- °C	-	1.6mm, HB

Notes : [www.cn-plas.com](http://www.cn-plas.com) These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests

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