

Electro-plating ABS, POLYLAC[®] Characteristics

April 26, 2012

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

Notes : 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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