

Medical MABS POLYLAC® PA-703TRP

Product Description: ISO 10993, Transparent ,Chemical resistant

Properties	ASTM Test Method	Test Condition	Unit	PA-703TRP
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	2.5
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.08
Hardness	D785	-	R Scale	110
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm²	420
			lb/in²	5720
Tensile Elongation	D638	6 mm/min	%	50
Flexural Strength	D790	2.8 mm/min	Kg/cm²	610
			lb/in²	8650
Flexural Modulus		2.8 mm/min	10 ⁴ Kg/cm²	2.1
			10 ⁵ lb/in²	3.0
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	15
			ft-lb/in	2.7
		3.2 mm, 23°C	Kg-cm/cm	14
			ft-lb/in	2.6
Vicat Softening Temp.	D1525	1 Kg,50°C/hr	°C	102
			°F	216
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	97
			°F	207
		1.8 MPa Unannealed	°C	86
			°F	187
Flammability	UL-94	-	-	1.5mm HB

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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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