

**CHIMEI**

a step up

**Medical MABS POLYLAC® PA-703TRP**

Product Description: ISO 10993, Transparent ,Chemical resistant

Properties	ISO Test Method	Test Condition	Unit	PA-703TRP
<b>Melt Flow Index</b>	1133	200°C×5KG	ml/10 min	2.3
<b>Mass Density</b>	1183	23 °C	g/cm <sup>3</sup>	1.08
<b>Tensile Strength</b>	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	33
<b>Tensile Elongation</b>	527	50 mm/min	%	50
<b>Flexural Strength</b>	178	2 mm/min	MPa	62
<b>Flexural Modulus</b>		2 mm/min	GPa	2.1
<b>Izod Impact Strength</b>	180/1A	23°C, Notched	KJ/m <sup>2</sup>	15
		-30°C, Notched	KJ/m <sup>2</sup>	8
<b>Charpy Impact Strength</b>	179	23°C, Notched	KJ/m <sup>2</sup>	15
		Charpy -30°C, Notched	KJ/m <sup>2</sup>	8
<b>Vicat Softening Temp.</b>	306	50°C/hr;1KG	°C	102
		50°C/hr;5KG	°C	94
<b>Heat Distortion Temp.</b>	75/A	1.8MPa, unannealed	°C	75
		1.8MPa, annealed	°C	95
<b>Coefficient of Linear Thermal Expansion</b>	11359	-	-	8.7 x 10 <sup>-5</sup>
<b>Flammability</b>	-	UL-94	-	1.5mm HB
<b>Mold Shrinkage</b>	294-4	-	%	0.3 ~ 0.7
<b>Symbol</b>	1043	-	-	>MABS<