

CHIMEI

a step up

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Medical MABS POLYLAC® PA-703TRP

Product Description: ISO 10993, Transparent ,Chemical resistant

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

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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 test

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