

## Medical ABS POLYLAC® PA-704LRP

Product Description: Low residual monomer, medical application

Properties	ISO Test Method	Test Condition	Unit	PA-704LRP
<b>Melt Flow Index</b>	1133	220°C×10KG	ml/10 min	17
<b>Mass Density</b>	1183	23 °C	g/cm <sup>3</sup>	1.05
<b>Tensile Strength</b>	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	34
<b>Tensile Elongation</b>	527	50 mm/min	%	70
<b>Flexural Strength</b>	178	2 mm/min	MPa	76
<b>Flexural Modulus</b>		2 mm/min	GPa	2.2
<b>Izod Impact Strength</b>	180/1A	23°C, Notched	KJ/m <sup>2</sup>	19
		-30°C, Notched	KJ/m <sup>2</sup>	9
<b>Charpy Impact Strength</b>	179	23°C, Notched	KJ/m <sup>2</sup>	21
		Charpy -30°C, Notched	KJ/m <sup>2</sup>	10
<b>Vicat Softening Temp.</b>	306	50°C/hr;1KG	°C	104
		50°C/hr;5KG	°C	100
<b>Heat Distortion Temp.</b>	75/A	1.8MPa, unannealed	°C	83
		1.8MPa, annealed	°C	98
<b>Coefficient of Linear Thermal Expansion</b>	11359	-	-	8.6 x 10 <sup>-5</sup>
<b>Flammability</b>	-	UL-94	-	1.5mm HB
<b>Mold Shrinkage</b>	294-4	-	%	0.4~0.7
<b>Symbol</b>	1043	-	-	>ABS<

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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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