

Property	Unit	Test Method	Test Condition	Health Care Grade
Model				AG16A1
Melt Flow Index	g/10 min	ISO 1133	200°C × 5kg	1
Melt Flow Index	g/10 min	ISO 1133	220°C × 10kg	11
Charpy Impact Strength	kJ/m ²	ISO 179	23 °C, 4mm厚, Notched	33
Specific Gravity	-	ISO 1183	23°C/23°C	1.04
Tensile Strength	Mpa	ISO 527	23 °C, 50mm/min	47
Flexural Strength	Mpa	ISO 178	23 °C, 2mm/min	72
Flexural Modulus	Mpa	ISO 178	23 °C, 2mm/min	2300
Rockwell Hardness	R-scale	ISO 2039-2	23°C	R-111
Vicat Softening Point	°C	ISO 306	Annealed, 50N, 50°C/h	94
Heat Deflection Temperature	°C	ISO 75/A	Annealed, 1.8Mpa 4mm厚, 120°C/h	88
Molding Shrinkage	%	ISO 2577	3.2mm	0.4 ~ 0.7
Combustibility		UL-94	File No. E162823	HB 1.5 ~ 3 mm
Features	High rigid, Medium impact			

All tests were run under laboratory conditions, ASTM, ISO testing procedures.
The data are intended as a general guide only.

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