



Property	Unit	Test Method	Test Condition	Self extinguishing grade
Model				AC3830
Melt Flow Index	g/10 min	ISO 1133	300°C × 1.2kg	12
Charpy Impact Strength	kJ/m²	ISO 179	23°C, 4mm, Notched	70
Specific Gravity	-	ISO 1183	23°C	1.2
Tensile Strength	Mpa	ISO 527	23 °C, 50mm/min	70
Flexural Strength	Mpa	ISO 178	23 °C, 2mm/min	108
Flexural Modulus	Mpa	ISO 178	23 °C, 2mm/min	2155
Rockwell Hardness	R-scale	ISO 2039-2	23°C	R-122
Heat Deflection Temperature	°C	ISO 75/A	Unannealed, 1.8Mpa, 4mm, 120°C/h	128
Molding Shrinkage	%	ISO 2577	-	0.5 ~ 0.7
Combustibility		UL-94	File No. E162823	v-0 1 mm 5VA 3 mm
Features	Light diffusion, Mid flow, UV resistance, Halogen free			

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

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