



Property	Unit	Test Method	Test Condition	Self extinguishing grade
Model				AC3830
Melt Flow Index	g/10 min	ASTM D-1238	300°C×1.2kg	12
IZOD Impact Strength	kg-cm/cm	ASTM D-256	23°C, 3.2mm, Notched	5
Specific Gravity	-	ASTM D-792	23°C	1.2
Tensile Strength	kg/cm ²	ASTM D-638	23 °C, 50mm/min	710
Flexural Strength	kg/cm ²	ASTM D-790	23 °C, 2mm/min	1100
Flexural Modulus	kg/cm ²	ASTM D-790	23 °C, 2mm/min	22000
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-122
Heat Deflection Temperature	°C	ASTM D-648	Unannealed, 18.6kg/cm ² , 3.2mm, 120°C/h	128
Molding Shrinkage	%	ASTM D-955	-	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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