



Formosa Chemical & Fibre Corporation

Property	Unit	Test Method	Test Condition	Self extinguishing grade
Model				AC3630
Melt Flow Index	g/10 min	ASTM D-1238	300°C×1.2kg	25
IZOD Impact Strength	kg-cm/cm	ASTM D-256	23 °C 3.2mm	65
Specific Gravity	-	ASTM D-792	23°C/23°C	1.19
Tensile Strength	kg/cm ²	ASTM D-638	23 °C	670
Flexural Strength	kg/cm ²	ASTM D-790	23 °C	1100
Flexural Modulus	kg/cm ²	ASTM D-790	23 °C	24000
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-121
Vicat Softening Point	°C	ASTM D-1525	VICAT(10N °C)	116
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² (1.8MPa)(3.2mm)	109
Molding Shrinkage	%	ASTM D-955	3.2mm	0.5 ~ 0.7
Combustibility		UL-94	File No. E162823	v-0 0.8 ~ 3 mm 5VB 1.5 ~ 3 mm
Features	Halogen free, Flame retardant, High flow, Non-transparency, UL weather resistance certification			

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

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