



Formosa Chemical & Fibre Corporation

Property	Unit	Test Method	Test Condition	Self extinguishing grade
Model				AC3630
Melt Flow Index	g/10 min	ISO 1133	300°C × 1.2kg	25
IZOD Impact Strength	J/m	ISO 180	23 °C 3.2mm	635
Charpy Impact Strength	kJ/m ²	ISO 179	23 °C 4mm	55
Specific Gravity	-	ISO 1183	23°C/23°C	1.19
Tensile Strength	Mpa	ISO 527	23 °C	66
Flexural Strength	Mpa	ISO 178	23 °C	106
Flexural Modulus	Mpa	ISO 178	23 °C	2350
Rockwell Hardness	R-scale	ISO 2039-2	23°C	R-121
Vicat Softening Point	°C	ISO 306	VICAT(10N °C)	116
Heat Deflection Temperature	°C	ISO 75/A	Unannealed 18.6 kg/cm ² (1.8MPa)(3.2mm)	0.45
Molding Shrinkage	%	ISO 2577	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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