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Component - Plastics

E162823

## FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV

201 TUNG HWA N RD, TAIPEI 105 TW

### AC230(+)

Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS), "TAIRILOY",  
furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	1.5-1.65	HB	4	0	60	60	60

Comparative Tracking Index (CTI): **0**

Inclined Plane Tracking (IPT): -

Dielectric Strength (kV/mm): -

Volume Resistivity (10<sup>x</sup> ohm-cm) : -

High-Voltage Arc Tracking Rate  
(HVTR): **2**

High Volt, Low Current Arc Resis (D495): **6**

Dimensional Stability (%): -

**(+) - Replace by one digital 0-9 or one alphabet A-Z, unconcerned with formula or constituent changed**

ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents.  
ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

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## IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
Flammability	IEC 60695-11-10	Class (color)	1.5-1.65	HB75 (ALL)
Glow-Wire Flammability (GWFI)	IEC 60695-2-12	C	-	-
Glow-Wire Ignition (GWIT)	IEC 60695-2-13	C	-	-
IEC Comparative Tracking Index	IEC 60112	Volts (Max)	-	-
IEC Ball Pressure	IEC 60695-10-2	C	-	-
ISO Heat Deflection (1.80 MPa)	ISO 75-2	C	-	-
ISO Tensile Strength	ISO 527-2	MPa	-	-
ISO Flexural Strength	ISO 178	MPa	-	-
ISO Tensile Impact	ISO 8256	kJ/m <sup>2</sup>	-	-
ISO Izod Impact	ISO 180	kJ/m <sup>2</sup>	-	-
ISO Charpy Impact	ISO 179-2	kJ/m <sup>2</sup>	-	-

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The materials covered in this database are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted