

# SKY-SCAPES®

## Polycarbonate UL Information

QMFZ2 Component - Plastics

E192206

### THAI POLYCARBONATE CO LTD

PADAENG INDUSTRIAL ESTATE, 1 PADAENG RD, MAP-TA-PHUT, RAYONG 21150 TH

### E-2000+, E-2001+, E-2003+

Polycarbonate (PC), insulating material, furnished as pellets, powder, sheets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
ALL	0.50	HB	0	0	80	80	80
	1.5	HB	3	0	125	115	125
	3.0	HB	3	0	125	115	125
	6.0	HB	0	0	125	115	125

Comparative Tracking Index (CTI): **2**

Dimensional Stability (%): **0**

High-Voltage Arc Tracking Rate (HVTR): **0**

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

Dielectric Strength (kV/mm): **20**

Volume Resistivity (10xohm-cm): **7**

+ - Suffix Optional.

UL94 small-scale test data does not pertain to building materials, furnishings and related contents. UL94 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 ULL.

Report Date: 8/3/1998

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Component Plastics

## IEC and ISO Test Methods

Test Name	Test Method	Units	Thickness Tested (mm)	Value
IEC Flammability	IEC 60695-11-10	Class	0.50	HB75 (ALL)
			1.5	HB75 (ALL)
			3.0	HB40 (ALL)
			6.0	HB40 (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/m2	-	-
ISO Izod Impact	ISO 180	kJ/m2	-	-
ISO Charpy Impact	ISO 179-2	kJ/m2	-	-

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