

LIFELL™ Sheets

Electron LIFELL™ Sheets Are Made of a Conductive Sheet Material that Is Ideal for Vacuum (Compressed Air) Forming

Features

- ① Consistent and stable conductive properties
- ② Lower incidence of carbon loss in normal use
- ③ Designed to be compliant with Green Purchasing (mercury, cadmium, hexavalent chromium, lead, and bromic flame retardant are not used)
- ④ Can be used at temperatures of between 80°C and 120°C under certain conditions



Physical Properties Table

		Units	LEC-21 (Conductive LIFEL Sheet)
Density		Kg/m ³	1,160
Surface resistance	Sheet	Ω/sq.	3.8 × 10 ⁵
	Formed (for reference purposes)	Ω/sq.	9.3 × 10 ⁴
Tensile strength	MD	M Pa	33.6
	TD	M Pa	22.8
Elongation	MD	%	23.0
	TD	%	21.0
Tear strength	MD	N/mm	172.7
	TD	N/mm	151.3

The above data represent experimental results and do not guarantee specific performance levels under actual usage.

Measuring Methods

- Density: JIS K7112 (method-A), water displacement method
- Surface resistance: JIS K6911, applied voltage 10 v, electrification time 30 sec
- Tensile strength: JIS K-6301 (method-A)
- Elongation: JIS K-7127, No. 2 test piece, tensile speed: 200 mm/min
- Tear strength: JIS K-7128 (method-C), tensile speed: 200 mm/min

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