LAMCORR | Division of Laminations, Inc.
HIGH PERFORMANCE CORROSION RESISTANT PLASTIC SHEET

PRODUCT PROFILE

LAM 2000 | FM 4910 Listed

Standard And ESD Grades - Clear And Tinted CPVC Sheet

Available in industry-standard clear blue and low tint, this FM 4910 listed "window" grade has wide acceptance for its superior clarity and overall appearance quality. It performs well in most pH 0-14 environments. Notable physical characteristics include strength, stiffness and scratch resistance. An ESD grade available in clear and tinted versions complements the standard grade.

Typical Properties:

	PROPERTY	ASTM SPEC	UNIT	LAM 2000
	Specific Gravity	D 792	****	1.55
Environment	**Water Absorption**	D570	%	<0.02
	Abrasion Resistance	Taber CS 17	mg/1000	****
	Oxygen Index	D2863	%	54.00
	Flammability	UL 94	****	VO
		FM 4910	****	YES
	Coefficient of Friction	C1894	Static	****
		C1894	Dynamic	****
Mechanical	**Tensile Strength (yield)**	D1708, D638	psi	8,700
	Elongation (break)	D1708, D638	%	45.00
	Flexural Modulus	D790 @ 23 C	psi	435,000
	Notched Izod Impact	D256 @ 23 C	ft-lb/in.	1.4
	Shore D Hardness	D2240	***	96
Misc.	**Continuous Service**	Maximum	°C	90
	Temperature		°F	195
	Light Transmittance (3mm)	Blue Tint	%	69
	(5mm)	Blue Tint	%	59
	(8mm)	Blue Tint	%	44
	(10mm)	Blue Tint	%	36
	Coefficient of Expansion	E831 TMA	in/in/°F (10 ^-5)	****
	Deflection Temp (66psi)	D648	°C	****
	(66psi)	D648	°F	****
	Deflection Temp (264psi)	D648	°C	77
	(264psi)	D648	°F	170
				LAM 2000

* Continuous Service Temperature based upon "non-chemical Dry Usage".
* Table data reflects ASTM based average typical vendor data.
* Data meant as general guidelines only.
* Specific applications require additional testing by the buyer.
* All properties based on standard unbacked product tests only

ADVANTAGES

- Optically clear, high light transmission
- Exceptional appearance quality
- Chemical resistance
- No lead (Pb), heavy metals, or EPA SARA 313 reportable ingredients
- FM 4910 listed and UL V-0

PROVEN APPLICATIONS

- Clean room access panels
- Site windows
- Clean room partitions
- Tank covers
- Fluid system windows

STANDARD SIZES

- 48" x 96"
  (1220 mm x 2440 mm)
- Gauge: 3mm-12mm
  13mm-20mm made to order

STANDARD COLORS

- Optically clear light blue or smoke tint

CUSTOM SIZES, COLORS

- Contact inside sales

ESD GRADE

- Available

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