



Jain Americas, Inc.

EX-CEL PVC FREE FOAM SHEET

TECHNICAL VALUES

| | PROPERTY | UNIT | TEST METHOD | VALUE |
|-----------|---|-------------------------------|--|--------------------------|
| A] | PHYSICAL | | | |
| | DENSITY | g/cc | DIN 53479 | 0.45 – 0.60 |
| | HARDNESS | SHORE 'D' | DIN 53505 | ≥ 34 |
| | WATER ABSORPTION (24HR/23 C) | % | DIN 53495 | ≤ 1.0 |
| B] | MECHANICAL | | | |
| | TENSILE STRENGTH | MPa | DIN 53455 | ≥ 13.0 |
| | ELONGATION AT BREAK | | DIN 53455 | ≥ 9.0 |
| | MODULUS OF ELASTICITY | MPa | DIN 53457 | 900 - 1500 |
| | IZOD IMPACT STRENGTH (3 – 12 mm) | KJ/ m ² | ASTM D 256 | ≥ 9.0 |
| C] | THERMAL | | | |
| | VICAT SOFTENING TEMPERATURE (A/50) | °C | DIN 53460 | ≥ 73 |
| D] | FLAMMABILITY | | | |
| | LIMITING OXYGEN INDEX | % | ASTM D 2863 | > 40 |
| | FIRE BEHAVIOUR | | BS 476:PART7-1987 UL 94 NFP 92 – 501 | CLASS 1Y 94 V 0 M1 |
| E] | DIMENSIONAL TOLERANCES | | | |
| | THICKNESS | mm ±[0.1mm + 0.05 x s] | | |
| | TO CALCULATE | THINCKNESS IN mm x 0.05 + 0.1 | | |
| | LENGTH | mm | -0, +10 | |
| | WIDTH | mm | -0, +5 | |
| | DEVIATION BETWEEN DIAGONALS | mm | ≤ 6 | |
| | WARPAGE (ON A FULL SHEET) | mm | ≤ 10 | |
| E] | VISUAL | | | |
| | SURFACE (VIEWED FROM A DISTANCE OF 1.5 m) | | SMOOTH MATT | |

AVAILABILITY

- COLORS & CODES**
(COLOR SHEETS ARE NORMALLY AVAILABLE IN 3MM, 4MM, 5MM AND 6 MM THICKNESS ONLY)

| | | |
|-------------------|----------------|-------------------|
| SUPER WHITE J1018 | RED J4021 | GREEN J6021 |
| YELLOW J2021 | RUBY RED J4151 | BEIGE J2211 |
| SKY BLUE J7021 | ORANGE J3021 | GOLD J5021 |
| ROYAL BLUE J7051 | GREY J8021 | SILVER GREY J8033 |
| BLACK J9021 | | |
- THICKNESS** : 1 to 10 mm upto 1220mm width, 3 to 10mm in higher width.
- WIDTHS (mm)** : 1000, 1220, 1560, 2050.

4. LENGTHS (mm) : 2000, 2440, 3000, 3050, 5490, 6100.
SPECIAL LENGTHS & WIDTHS AS PER CUSTOMER'S REQUEST

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ISSUE DATE 01.01.1994, REVISION NO. 05, DATE 07.23.2013 METRIC UNITS (GENERAL)

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