

Data Sheet - PALIGHT™ PRINT PLUS LW

Extra white Low Weight Flat Foamed PVC Sheet



Product Definition

Extra white low weight flat foamed PVC sheet

Thickness Range

2 to 10mm

Colors

White

Width (standard sizes)

1220 mm

1560 mm

2030 mm

- Custom colors and sizes are available upon request, possibly subject to minimum order size.

Flammability

| Standard | Classification |
|----------|----------------|
| EN 13501 | B-C, s2-3, d0 |

- All the above depends on thickness, for additional information please contact PALRAM.

Typical Physical Properties

| Property | Standard | Conditions | Unit | Value |
|---|-------------|----------------|----------------------|--------------------------|
| Physical | | | | |
| Specific gravity | ASTM D-792 | | g/cm ³ | 2mm 0.53 to 10mm 0.47 |
| Water absorption | ASTM D-570 | 24 hr @ 23°C | % | 0.8 |
| Mechanical – Machine direction | | | | |
| Flexural modulus | ASTM D-790 | | MPa | 1000 |
| Shore hardness | ASTM D-790 | | | 30 |
| Thermal | | | | |
| Service temperature range | | | C° | -10 to 55 |
| Heat deflection temperature | ASTM D-648 | Load: 1.82 MPa | C° | 59-63 |
| VICAT softening temperature | ASTM D-1525 | Load: 1 Kg | C° | 69 |
| Coefficient of linear thermal expansion | ASTM D-696 | | 10 ⁻⁵ /°C | 6.7 |
| Thermal conductivity | ASTM C-177 | | W/mk | 0.07 |
| Electrical | | | | |
| Surface resistance | ASTM D-257 | | Ohm | >10 ¹² |
| Surface tension | ASTM D-257 | | Dyne/cm | 38-40 |