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# B62 Product Data Sheet

## Material Details

| | |
|---|---|
| **Grade:** | B62. (Type: Composite / Specialist / Other Grades) |
| **Description:** | Phenolic Paper. Phenolic Paper core. Static dissipative 2 sides |
| **Comments:** | The Technolaque SD Range is a breakthrough in static dissipation. Developed by the Attwater Group, originally for the A.T.E. market, it incorporates a static-dissipative thermosetting surface, which is less than 50 microns thick. This special surface can be integrally press bonded onto a range of sheet substrates including Phenolic paper and epoxy glass during the manufacturing process, providing permanent static dissipative properties on one or both surfaces. As the Static-dissipative layer is not dependant upon additives bleeding to the surface, adhesive bonding of the manufactured components is possible. Also, the insulation properties of the core (below the static dissipative layer) are not affected permitting optimum insulation properties between conducting pins after suitable machining of the surface. B62 Phenolic paper / Epoxy glass composite core with Static dissipative surfaces on both sides. |
| **Body Colour:** | Black |
| **Cover Colour:** | Black |
| **Standard Finish:** | Satin/Glossy |
| **Size:** | 1220 x 1220 Thickness Range: 1.6 - 50.0 † |

## Typical Applications

- Static Sensitive Applications
- Jigs and Fixtures
- Conveyor Trays

## General Properties

| Property | Unit of measure | Typical Value |
|---|---|---|
| Density | g/cm3 | 1.35 |

¥ Where relevant, the flammability test method is used solely to control and monitor consistency of production. Under no conditions should the results be considered in relation to fire hazards under actual conditions of use.

## Electrical Properties

| Property | Unit of measure | Typical Value |
|---|---|---|
| IR (24hrs Water Immersed) | G □ | 0.1 (Core) |

| Property | Unit of measure | Typical Value |
|---|---|---|
| IR (Dry) | G  | 0.1 (Core) |
| Surface Resistivity |  2 | 10^5 - 10^10 |

## Mechanical Properties

| Property | Unit of measure | Typical Value |
|---|---|---|
| Flexural Strength at 150°C | MPa | 190 |
| Tensile Strength | MPa | 120 |

## Thermal Properties

| Property | Unit of measure | Typical Value |
|---|---|---|
| Thermal Rating Continuous | °C | 100 |
| Thermal Rating Intermittent | °C | 120 |

## Notes

- Datasheet Issue No. 2



Source: https://www.attwater.com/products/b62/