



## PVC U 2000x1000x50 mm svart

Artikelnr P2202350

Kategori PVC

## Tekniska egenskaper

## Density & Weight

| Egenskap | Värde | Enhet | Provningsstandard |
|----------|-------|-------|-------------------|
| Density  | 1.53  | g/cm³ | ASTM D792         |

## Tensile Properties

| Egenskap                        | VÄrde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| Tensile Strength                | 48.8  | MPa   | ASTM D638         |
| Modulus of elasticity (tensile) | 2669  | MPa   | ASTM D638         |
| Breakdown Voltage               | 40    | MPa   | ISO 527           |
| Break Elongation                | 14    | %     | ISO 527           |

## Temperature Limits

| Egenskap                                   | VÄrde | Enhet | Provningsstandard |
|--------------------------------------------|-------|-------|-------------------|
| Melting point                              | 189.2 | Å°C   | ASTM D3418        |
| Maximal operating temperature (short-term) | 93.3  | Å°C   | UL 746B           |
| Maximum Operating Temperature              | 60    | Å°C   |                   |
| Minimum temperature                        | -15   | Å°C   | UL 746B           |
| Heat deflection temperature (HDT/A)        | 106.7 | Å°C   | ASTM D648         |
| Vicat softening temperature (VST/B/50)     | 75    | Å°C   | ISO 306           |

## Insulation Properties

| Egenskap                       | Värde                            | Enhet                            | Provningsstandard |
|--------------------------------|----------------------------------|----------------------------------|-------------------|
| Dielectric Strength            | 40                               | kV/mm                            | IEC 60243-1       |
| Volume Resistivity             | $10^{14} \Omega \cdot \text{cm}$ | $10^{14} \Omega \cdot \text{cm}$ | DIN EN 62631-3-1  |
| Dielectric Constant (1 MHz)    | 3.1                              | -                                | IEC 60250         |
| Dielectric Constant (100 Hz)   | 3.2                              | -                                | IEC 60250         |
| Dielectric loss factor (1 MHz) | 0.0                              | -                                | IEC 60250         |

