



# PVC U 100x2000 mm vit

Artikelnr P2202118  
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 | °C    | ASTM D3418        |
| Maximal operating temperature (short-term) | 93.3  | °C    | UL 746B           |
| Maximum Operating Temperature              | 60    | °C    |                   |
| Minimum temperature                        | -15   | °C    | UL 746B           |
| Heat deflection temperature (HDT/A)        | 106.7 | °C    | ASTM D648         |
| Vicat softening temperature (VST/B/50)     | 75    | °C    | ISO 306           |

### Insulation Properties

| Egenskap                       | VÄrde | Enhet | Provningsstandard |
|--------------------------------|-------|-------|-------------------|
| Dielectric Strength            | 40    | kV/mm | IEC 60243-1       |
| Volume Resistivity             | 10¹¹  | Ω·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         |

## Thermal Conductivity

| Egenskap             | Värde | Enhet   | Provningsstandard |
|----------------------|-------|---------|-------------------|
| Thermal Conductivity | 0.14  | W/(m·K) | ISO 22007-4       |

## Moisture Absorption

| Egenskap                         | VÄrde | Enhet  | Provningsstandard |
|----------------------------------|-------|--------|-------------------|
| Notched impact strength (Charpy) | 4     | kJ/mÅ² | ISO 179           |
| Impact Resistance (Charpy)       | 550   | kJ/mÅ² | DIN EN ISO 8256   |

## Hardness

## Godkännanden