



## PE Ultra HD 2000x1000x100 mm dark blue

Artikelnr P1400227  
Kategori PE

### Tekniska egenskaper

#### Density & Weight

| Egenskap | Värde | Enhet | Provningsstandard |
|----------|-------|-------|-------------------|
| Density  | 0.9   | g/cm³ | ISO 1183          |

#### Tensile Properties

| Egenskap                        | Värde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| Tensile Strength                | 17    | MPa   | ISO 527           |
| Modulus of elasticity (tensile) | 691.7 | MPa   | ISO 527           |
| Break Elongation                | 316.7 | %     | ISO 527           |

#### Temperature Limits

| Egenskap                      | Värde | Enhet | Provningsstandard |
|-------------------------------|-------|-------|-------------------|
| Melting point                 | 135   | °C    | ISO 3146          |
| Maximum Operating Temperature | 10    | °C    |                   |
| Minimum temperature           | -200  | °C    |                   |

#### Insulation Properties

| Egenskap           | Värde | Enhet | Provningsstandard |
|--------------------|-------|-------|-------------------|
| Volume Resistivity | 10¹¹  | Ω·m   | IEC 60093         |

#### Thermal Conductivity

| Egenskap             | Värde | Enhet   | Provningsstandard |
|----------------------|-------|---------|-------------------|
| Thermal Conductivity | 0.4   | W/(m·K) | DIN 52612         |

Static spread

| Egenskap            | V rde  | Enhet | Provningsstandard |
|---------------------|--------|-------|-------------------|
| Surface Resistivity | 10 1 2 |       | IEC 60093         |

Moisture Absorption

| Egenskap                       | V rde | Enhet | Provningsstandard |
|--------------------------------|-------|-------|-------------------|
| Water absorption to saturation | 0.01  | %     |                   |
| Water Absorption to Saturation | 0.01  | %     |                   |

Impact Resistance

| Egenskap                         | V rde | Enhet  | Provningsstandard |
|----------------------------------|-------|--------|-------------------|
| Notched impact strength (Charpy) | 80    | kJ/m 2 | ISO 11542-2       |
| Impact Resistance (Charpy)       | 80    | kJ/m 2 | ISO 11542-2       |

Thermal Expansion

| Egenskap                      | V rde | Enhet   | Provningsstandard |
|-------------------------------|-------|---------|-------------------|
| Thermal Expansion Coefficient | 1.7   | 10   /K | DIN 53 752        |

Hardness

| Egenskap               | V rde | Enhet      | Provningsstandard |
|------------------------|-------|------------|-------------------|
| Hardness Shore D       | 60    |    Shore D | shore D           |
| Ball pressure hardness | 35.6  | MPa        | ISO 2039-1        |

Godk nnanden

- EU 10/2011
- FDA
- REACH
- RoHS