



# Platta i PA6 C 2000x1000x60 mm natur

Artikelnr P1001800

## 1. Tekniskt datablad

| Egenskap                             | Värde | Enhet   | Standard    |
|--------------------------------------|-------|---------|-------------|
| Densitet                             | 1.1   | g/cm³   | ISO 1183    |
| Sträckgränspänning                   | 75    | MPa     | ISO 527     |
| Elasticitetsmodul (drag)             | 3500  | MPa     | ISO 527-2   |
| Brottåkning                          | 25    | %       | ISO 527-2   |
| Smältpunkt                           | 220   | °C      | ISO 3146    |
| Maximal drifttemperatur (korttid)    | 170   | °C      |             |
| Maximal drifttemperatur              | 105   | °C      |             |
| Minsta temperatur                    | -30   | °C      |             |
| Värmeåtvärngning (HDT/A)             | 80    | °C      | ISO 75-2    |
| Dielektrisk styrka                   | 25    | kV/mm   | IEC 60243-1 |
| Volymresistivitet                    | 10¹¹  | Ω·cm    | IEC 60093   |
| Dielektrisk konstant (1 MHz)         | 3.2   | -       | IEC 60250   |
| Dielektrisk konstant (100 Hz)        | 3.6   | -       | IEC 60250   |
| Dielektrisk förlustfaktor (1 MHz)    | 0.0   | -       | IEC 60250   |
| Dielektrisk förlustfaktor (100 Hz)   | 0.0   | -       | IEC 60250   |
| Båghållfasthet                       | 85    | MPa     | ISO 527-2   |
| Termisk konduktivitet                | 0.29  | W/(m·K) | DIN 52612   |
| Ytresistivitet                       | 10¹¹  | Ω       | IEC 60093   |
| Jämförande krypsrättningsindex (CTI) | 600   | V       | IEC 60112   |
| Fuktabsorption till mättnad          | 2.3   | %       | ISO 62      |
| Vattenabsorption till mättnad        | 6.5   | %       | ISO 62      |
| Skårad slagseghet (Charpy)           | 3.5   | kJ/m²   | ISO 179/1eA |
| Termisk utvidningskoefficient        | 0.8   | 10⁻⁵/K  | ISO 11359   |
| Kultryckshårdhet                     | 148.3 | MPa     | ISO 2039-1  |

## 2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

| Kemikalie               | Konc.   | Resultat    |
|-------------------------|---------|-------------|
| 1,4-Dioxan              | 100     | <div></div> |
| 2-Hydroxypropionic Acid | 90      | <div></div> |
| Acetic Acid             | 100     | <div></div> |
| Aceton                  | 100     | <div></div> |
| Ammoniak                | conc.   | <div></div> |
| Ammonium Chloride       | â€”     | <div></div> |
| Amyl Alcohol            | â€”     | <div></div> |
| Apple Juice             | â€”     | <div></div> |
| Bensen                  | â€”     | <div></div> |
| Bleaching Solution      | 12.5 cl | <div></div> |
| Boric Acid              | 100     | <div></div> |
| Brake Fluid             | â€”     | <div></div> |
| Br  nsle (aromatfritt)  | â€”     | <div></div> |
| Butyl Acetate           | â€”     | <div></div> |
| Calcium Chloride        | â€”     | <div></div> |
| Carbon Disulfide        | 100     | <div></div> |
| Carbon Tetrachloride    | â€”     | <div></div> |
| Citric Acid             | 10      | <div></div> |
| Cyklohexanon            | 100     | <div></div> |
| Cyklohexen              | 100     | <div></div> |
| Diesel Fuel             | â€”     | <div></div> |
| Diethylene Oxide        | â€”     | <div></div> |
| Ethyl Acetate           | 100     | <div></div> |
| Ethyl Alcohol           | 96      | <div></div> |
| Ethylene Chloride       | 100     | <div></div> |
| Fenol (vattenl.)        | ca. 9   | <div></div> |
| Food Oil                | â€”     | <div></div> |
| Formaldehyd (vattenl.)  | 40      | <div></div> |
| Formic Acid             | 10      | <div></div> |
| Frost Protection Agent  | â€”     | <div></div> |
| Glycerin                | 100     | <div></div> |
| Glykol                  | 100     | <div></div> |
| Heating Oil             | â€”     | <div></div> |
| Heptan                  | 100     | <div></div> |
| Hydrochloric Acid       | 10      | <div></div> |

| Kemikalie                        | Konc.       | Resultat    |
|----------------------------------|-------------|-------------|
| Hydrochloric Acid (concentrated) | conc.       | <div></div> |
| Hydrofluoric Acid                | 40          | <div></div> |
| Hydrogen Peroxide                | 10          | <div></div> |
| Hydrogen Sulfide (aqueous)       | â€”         | <div></div> |
| Isopropyl Alcohol                | 100         | <div></div> |
| Klor (gas)                       | 100         | <div></div> |
| Klorbensen                       | 100         | <div></div> |
| Kloroform                        | â€”         | <div></div> |
| Kresol                           | â€”         | <div></div> |
| Linseed Oil                      | â€”         | <div></div> |
| Merkurokrom                      | â€”         | <div></div> |
| Methyl Alcohol                   | 100         | <div></div> |
| Methyl Ethyl Ketone (MEK)        | 100         | <div></div> |
| Methylene Chloride               | 100         | <div></div> |
| Mineral Oils (aromatic free)     | â€”         | <div></div> |
| Mj lk                            | â€”         | <div></div> |
| Nitric Acid                      | 10          | <div></div> |
| Nitric Acid                      | 50          | <div></div> |
| Nitrobensen                      | â€”         | <div></div> |
| Oxalic Acid                      | â€”         | <div></div> |
| Ozone Gas                        | â‰‰ 0.5 ppm | <div></div> |
| Paraffine Oil                    | 100         | <div></div> |
| Perkloretylen                    | â€”         | <div></div> |
| Petroleum                        | 100         | <div></div> |
| Petroleum Ether                  | 100         | <div></div> |
| Phosphoric Acid                  | 50          | <div></div> |
| Potassium Hydroxide liquor       | 50          | <div></div> |
| Premium Fuel                     | â€”         | <div></div> |
| Propyl Alcohol                   | â€”         | <div></div> |
| Pyridin                          | â€”         | <div></div> |
| Silicone Oil                     | â€”         | <div></div> |
| Sodium Carbonate (aqueous)       | â€”         | <div></div> |
| Sodium Chloride (aqueous)        | â€”         | <div></div> |
| Sodium Hydrogen Sulfite          | â€”         | <div></div> |
| Sodium Hydroxide liquor          | 15          | <div></div> |

| Kemikalie                | Konc.  | Resultat    |
|--------------------------|--------|-------------|
| Sodium Hydroxide liquor  | 60     | <div></div> |
| Sodium Nitrate (aqueous) | â€”    | <div></div> |
| Sodium Thiosulfate       | â€”    | <div></div> |
| Sulfuric Acid            | 96     | <div></div> |
| Tetrahydrofuran (THF)    | 100    | <div></div> |
| Toluen                   | 100    | <div></div> |
| Transformer Oil          | â€”    | <div></div> |
| Trikloretan              | 100    | <div></div> |
| Vatten                   | â€”    | <div></div> |
| Xylen                    | â€”    | <div></div> |
| Ättika (standard)        | 5 - 10 | <div></div> |