



# Platta i PP-C 4120x2010x100 mm natur

Artikelnr P2201616

## 1. Tekniskt datablad

| Egenskap                             | Värde     | Enhet     | Standard          |
|--------------------------------------|-----------|-----------|-------------------|
| Densitet                             | 0.9       | g/cm³     | DIN EN ISO 1183-1 |
| Sträckgränspänning                   | 24        | MPa       | DIN EN ISO 527    |
| Elasticitetsmodul (drag)             | 1241.2    | MPa       | DIN EN ISO 527    |
| Brottåjning                          | 50        | %         | DIN EN ISO 527    |
| Smältpunkt                           | 164       | °C        | ISO 11357-3       |
| Maximal drifttemperatur (korttid)    | 116       | °C        |                   |
| Maximal drifttemperatur              | 75        | °C        |                   |
| Minsta temperatur                    | -23       | °C        |                   |
| Vicat mjukningstemperatur (VST/B/50) | 87        | °C        | DIN EN ISO 306    |
| Dielektrisk styrka                   | 40        | kV/mm     | IEC 60243         |
| Volymresistivitet                    | 10¹¹ Ω·cm | Ω·cm      | DIN EN 62631-3-1  |
| Dielektrisk konstant (1 MHz)         | 2.48      | -         | IEC 60250         |
| Dielektrisk förlustfaktor (1 MHz)    | 0.0       | -         | IEC 60250         |
| Dielektrisk förlustfaktor (100 Hz)   | 0.0       | -         | IEC 60250         |
| Termisk konduktivitet                | 0.2       | W/(m·K)   | DIN 52612-1       |
| Ytresistivitet                       | 10¹¹ Ω·cm | Ω·cm      | DIN EN 62631-3-2  |
| Jämförande krypspänningsindex (CTI)  | 600       | V         | IEC 60112         |
| Fuktabsorption till mättnad          | 0.1       | %         | DIN EN ISO 62     |
| Vattenabsorption till mättnad        | 0.1       | %         | DIN EN ISO 62     |
| Skårad slagseghet (Charpy)           | 4         | kJ/m²     | DIN EN ISO 179    |
| Termisk utvidgningskoefficient       | 0.0       | 10⁻⁵ /K   | DIN 53752         |
| Hårdhet Shore D                      | 67.25     | ° Shore D | DIN EN ISO 868    |
| Kultryckshårdhet                     | 50        | MPa       | DIN EN 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                | â€”   | <div></div> |
| Ammonium Chloride       | â€”   | <div></div> |
| Amyl Alcohol            | â€”   | <div></div> |
| Apple Juice             | â€”   | <div></div> |
| Bensen                  | â€”   | <div></div> |
| Bleaching Solution      | â€”   | <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)   | â€”         | ●        |
| Hydrofluoric Acid                  | 40          | ●        |
| Hydrogen Peroxide                  | 10          | ●        |
| Hydrogen Sulfide, aqueous solution | â€”         | ●        |
| Isopropyl Alcohol                  | 100         | ●        |
| Klor (gas)                         | 100         | ●        |
| Klorbensen                         | 100         | ●        |
| Kloroform                          | â€”         | ●        |
| Kresol                             | â€”         | ●        |
| Linseed Oil                        | â€”         | ●        |
| Merkurokrom                        | â€”         | ●        |
| Methyl Alcohol                     | 100         | ●        |
| Methyl Ethyl Ketone (MEK)          | 100         | ●        |
| Methylene Chloride                 | 100         | ●        |
| Mineral Oils (aromatic free)       | â€”         | ●        |
| Mj lk                              | â€”         | ●        |
| Nitric Acid                        | 50          | ●        |
| Nitric Acid                        | 10          | ●        |
| Nitrobensen                        | â€”         | ●        |
| Oxalic Acid                        | â€”         | ●        |
| Ozone Gas                          |     0.5 ppm | ●        |
| Paraffine Oil                      | 100         | ●        |
| Perkloretylen                      | â€”         | ●        |
| Petroleum                          | 100         | ●        |
| Petroleum Ether                    | 100         |          |
| Phosphoric Acid                    | 50          |          |
| Potassium Hydroxide liquor         | 50          |          |
| Premium Fuel                       | â€”         |          |
| Propyl Alcohol                     | â€”         |          |
| Pyridin                            | â€”         |          |
| Silicone Oil                       | â€”         |          |
| Sodium Carbonate, aqueous          | â€”         |          |
| Sodium Chloride, aqueous           | â€”         |          |
| Sodium Hydrogen Sulfite            | â€”         |          |
| Sodium Hydroxide liquor            | 15          |          |

| 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> |
| Trikloreten             | 100    | <div></div> |
| Vatten                  | â€”    | <div></div> |
| Xylen                   | â€”    | <div></div> |
| Ä„ttika, standard       | 5 - 10 | <div></div> |