



## Platta i PA6 GL 3048x1220x35 mm grön

Artikelnr P1600257

Material PA

### 1. Tekniskt datablad

| Egenskap                           | Värde            | Enhet               | Standard          |
|------------------------------------|------------------|---------------------|-------------------|
| Densitet                           | 1.1              | g/cm <sup>3</sup>   | DIN EN ISO 1183-1 |
| Sträckgränsspänning                | 67.5             | MPa                 | DIN EN ISO 527    |
| Elasticitetsmodul (drag)           | 3000             | MPa                 | DIN EN ISO 527    |
| Brotttöjning                       | 198.5            | %                   | DIN EN ISO 527    |
| Smältpunkt                         | 218              | °C                  | ISO 11357-3       |
| Maximal drifttemperatur (korttid)  | 162.5            | °C                  |                   |
| Maximal drifttemperatur            | 109              | °C                  |                   |
| Minsta temperatur                  | -40              | °C                  |                   |
| Värmeförvrängning (HDT/A)          | 90               | °C                  | ISO 75            |
| Dielektrisk styrka                 | 20               | kV/mm               | IEC 60243         |
| Volymresistivitet                  | 10 <sup>15</sup> | Ω·cm                | DIN EN 62631-3-1  |
| Dielektrisk konstant (1 MHz)       | 3.7              | -                   | IEC 60250         |
| Dielektrisk förlustfaktor (100 Hz) | 0.02             | -                   | IEC 60250         |
| Termisk konduktivitet              | 0.3              | W/(m·K)             | DIN 52612-1       |
| Ytresistivitet                     | 10 <sup>13</sup> | Ω                   | DIN EN 62631-3-2  |
| Jämförande krypströmsindex (CTI)   | 600              | V                   | IEC 60112         |
| Fuktabsorption till mättnad        | 5.65             | %                   | DIN EN ISO 62     |
| Vattenabsorption till mättnad      | 5.65             | %                   | DIN EN ISO 62     |
| Skårad slagseghet (Charpy)         | 13               | kJ/m <sup>2</sup>   | DIN EN ISO 179    |
| Termisk utvidgningskoefficient     | 0.7              | 10 <sup>-4</sup> /K | DIN 53752         |
| Hårdhet Shore D                    | 81               | ° Shore D           | ISO 868           |

### 2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie

Konc.

Resultat

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

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

| Kemikalie                | Konc.  | Resultat |
|--------------------------|--------|----------|
| Sodium Hydroxide liquor  | 60     | ●        |
| Sodium Hydroxide liquor  | 15     | ●        |
| Sodium Nitrate (aqueous) | -      | ●        |
| Sodium Thiosulfate       | -      | ●        |
| Sulfuric Acid            | 96     | ●        |
| Tetrahydrofuran (THF)    | 100    | ●        |
| Toluen                   | 100    | ●        |
| Transformer Oil          | -      | ●        |
| Trikloretan              | 100    | ●        |
| Vatten                   | -      | ●        |
| Xylen                    | -      | ●        |
| Ättika (standard)        | 5 - 10 | ●        |