



Platta i PA6 GF30 1000x500x60 mm svart

Artikelnr P1001510  
Material PA

1. Tekniskt datablad

| Egenskap                          | Värde            | Enhet               | Standard    |
|-----------------------------------|------------------|---------------------|-------------|
| Densitet                          | 1.34             | g/cm³               | ISO 1183    |
| Elasticitetsmodul (drag)          | 8700             | MPa                 | ISO 527-2   |
| Smältpunkt                        | 220              | °C                  | ISO 3146    |
| Maximal drifttemperatur (korttid) | 180              | °C                  |             |
| Maximal drifttemperatur           | 100              | °C                  |             |
| Minsta temperatur                 | -20              | °C                  |             |
| Värmeförvrängning (HDT/A)         | 210              | °C                  | ISO 75-2    |
| Volymresistivitet                 | 10 <sup>14</sup> | Ω·cm                | IEC 60093   |
| Böjhållfasthet                    | 120              | MPa                 | ISO 527-2   |
| Termisk konduktivitet             | 0.28             | W/(m·K)             | DIN 52612   |
| Ytresistivitet                    | 10 <sup>13</sup> | Ω                   | IEC 60093   |
| Fuktabsorption till mättnad       | 2.1              | %                   | ISO 62      |
| Vattenabsorption till mättnad     | 6.6              | %                   | ISO 62      |
| Skårad slagsegghet (Charpy)       | 5                | kJ/m²               | ISO 179/1eA |
| Slagsegghet (Charpy)              | 50               | kJ/m²               | ISO 179/1eU |
| Termisk utvidgningskoefficient    | 0.26             | 10 <sup>-4</sup> /K | DIN 11359   |
| Kultryckshårdhet                  | 43               | MPa                 | ISO 2039-1  |

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| 1,4-Dioxan              | 100   | ●        |
| 2-Hydroxypropionic Acid | 90    | ●        |
| Acetic Acid             | 100   | ●        |
| Aceton                  | 100   | ●        |

| Kemikalie                        | Konc.   | Resultat    |
|----------------------------------|---------|-------------|
| Ammoniak                         | conc.   | <div></div> |
| Ammonium Chloride                | -       | <div></div> |
| Amyl Alcohol                     | -       | <div></div> |
| Apple Juice                      | -       | <div></div> |
| Bensen                           | -       | <div></div> |
| Bleaching Solution               | 12.5 cl | <div></div> |
| Boric Acid                       | 100     | <div></div> |
| Brake Fluid                      | -       | <div></div> |
| Bränsle (aromatfritt)            | -       | <div></div> |
| Butyl Acetate                    | -       | <div></div> |
| Calcium Chloride                 | -       | <div></div> |
| Carbon Disulfide                 | 100     | <div></div> |
| Carbon Tetrachloride             | -       | <div></div> |
| Citric Acid                      | 10      | <div></div> |
| Cyklohexanon                     | 100     | <div></div> |
| Cyklohexen                       | 100     | <div></div> |
| Diesel Fuel                      | -       | <div></div> |
| Diethylene Oxide                 | -       | <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                         | -       | <div></div> |
| Formaldehyd (vattenl.)           | 40      | <div></div> |
| Formic Acid                      | 10      | <div></div> |
| Frost Protection Agent           | -       | <div></div> |
| Glycerin                         | 100     | <div></div> |
| Glykol                           | 100     | <div></div> |
| Heating Oil                      | -       | <div></div> |
| Heptan                           | 100     | <div></div> |
| Hydrochloric Acid                | 10      | <div></div> |
| Hydrochloric Acid (concentrated) | conc.   | <div></div> |
| Hydrofluoric Acid                | 40      | <div></div> |
| Hydrogen Peroxide                | 10      | <div></div> |
| Hydrogen Sulfide (aqueous)       | -       | <div></div> |

| Kemikalie                    | Konc.     | Resultat    |
|------------------------------|-----------|-------------|
| Isopropyl Alcohol            | 100       | <div></div> |
| Klor (gas)                   | 100       | <div></div> |
| Klorbensen                   | 100       | <div></div> |
| Kloroform                    | -         | <div></div> |
| Kresol                       | -         | <div></div> |
| Linseed Oil                  | -         | <div></div> |
| Merkurokrom                  | -         | <div></div> |
| Methyl Alcohol               | 100       | <div></div> |
| Methyl Ethyl Ketone (MEK)    | 100       | <div></div> |
| Methylene Chloride           | 100       | <div></div> |
| Mineral Oils (aromatic free) | -         | <div></div> |
| Mjölk                        | -         | <div></div> |
| Nitric Acid                  | 10        | <div></div> |
| Nitric Acid                  | 50        | <div></div> |
| Nitrobensen                  | -         | <div></div> |
| Oxalic Acid                  | -         | <div></div> |
| Ozone Gas                    | ≤ 0.5 ppm | <div></div> |
| Paraffine Oil                | 100       | <div></div> |
| Perklöretylen                | -         | <div></div> |
| Petroleum                    | 100       | <div></div> |
| Petroleum Ether              | 100       | <div></div> |
| Phosphoric Acid              | 50        | <div></div> |
| Potassium Hydroxide liquor   | 50        | <div></div> |
| Premium Fuel                 | -         | <div></div> |
| Propyl Alcohol               | -         | <div></div> |
| Pyridin                      | -         | <div></div> |
| Silicone Oil                 | -         | <div></div> |
| Sodium Carbonate (aqueous)   | -         | <div></div> |
| Sodium Chloride (aqueous)    | -         | <div></div> |
| Sodium Hydrogen Sulfite      | -         | <div></div> |
| Sodium Hydroxide liquor      | 15        | <div></div> |
| Sodium Hydroxide liquor      | 60        | <div></div> |
| Sodium Nitrate (aqueous)     | -         | <div></div> |
| Sodium Thiosulfate           | -         | <div></div> |

| Kemikalie             | Konc.  | Resultat    |
|-----------------------|--------|-------------|
| Sulfuric Acid         | 96     | <div></div> |
| Tetrahydrofuran (THF) | 100    | <div></div> |
| Toluen                | 100    | <div></div> |
| Transformer Oil       | -      | <div></div> |
| Trikloreten           | 100    | <div></div> |
| Vatten                | -      | <div></div> |
| Xylen                 | -      | <div></div> |
| Ättika (standard)     | 5 - 10 | <div></div> |