



Platta i POM H 3000x610x45 mm natur

Artikelnr P1008780  
Material POM

1. Tekniskt datablad

| Egenskap                             | Värde            | Enhet               | Standard           |
|--------------------------------------|------------------|---------------------|--------------------|
| Densitet                             | 3                | g/cm³               | DIN EN ISO 1183-1  |
| Sträckgränsspänning                  | 53               | MPa                 | DIN EN ISO 527-2   |
| Elasticitetsmodul (drag)             | 3000             | MPa                 | DIN EN ISO 527-2   |
| Brotttöjning                         | 8                | %                   | DIN EN ISO 527-2   |
| Smältpunkt                           | 179              | °C                  | DIN EN ISO 11357   |
| Maximal drifttemperatur (korttid)    | 150              | °C                  |                    |
| Maximal drifttemperatur              | 110              | °C                  |                    |
| Värmeförvrängning (HDT/A)            | 141              | °C                  |                    |
| Vicat mjukningstemperatur (VST/B/50) | 90               | °C                  | DIN EN ISO 306     |
| Dielektrisk styrka                   | 23               | kV/mm               | ISO 60243-1        |
| Volymresistivitet                    | 10 <sup>14</sup> | Ω                   | DIN EN 62631-3-1   |
| Dielektrisk konstant (1 MHz)         | 2.4              | -                   | IEC 60250          |
| Brandklassning (UL 94)               | 60695            |                     | UL 94              |
| Böjhållfasthet                       | 53               | MPa                 | DIN EN ISO 527-2   |
| Termisk konduktivitet                | 0.46             | W/(m·K)             | ISO 22007-4        |
| Ytresistivitet                       | 10 <sup>14</sup> | Ω                   | DIN EN 62631-3-2   |
| Fuktabsorption till mättnad          | 0.1              | %                   | DIN EN ISO 62      |
| Skårad slagseghet (Charpy)           | 25               | kJ/m²               | DIN EN ISO 179-1   |
| Slagseghet (Charpy)                  | 2                | kJ/m²               | DIN EN ISO 179-1   |
| Termisk utvidgningskoefficient       | 23               | 10 <sup>-4</sup> /K | DIN EN ISO 11359-1 |
| Hårdhet Shore D                      | 81               | ° Shore D           | DIN EN ISO 868     |

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

| Kemikalie | Konc. | Resultat |
|-----------|-------|----------|
|-----------|-------|----------|

| 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       | -       | <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> |

| Kemikalie                          | Konc.    | Resultat    |
|------------------------------------|----------|-------------|
| Hydrochloric Acid                  | 10%      | <div></div> |
| Hydrochloric Acid (concentrated)   | conc.    | <div></div> |
| Hydrofluoric Acid                  | 40%      | <div></div> |
| Hydrogen Peroxide                  | 10%      | <div></div> |
| Hydrogen Sulfide, aqueous solution | -        | <div></div> |
| 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> |
| Mjök                               | -        | <div></div> |
| Nitric Acid                        | 10%      | <div></div> |
| Nitric Acid (50%)                  | 50%      | <div></div> |
| Nitrobensen                        | -        | <div></div> |
| Oxalic Acid                        | -        | <div></div> |
| Ozone Gas                          | ≤0.5 ppm | <div></div> |
| Paraffine Oil                      | 100%     | <div></div> |
| Perkloretylen                      | -        | <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> |

| Kemikalie                     | Konc. | Resultat    |
|-------------------------------|-------|-------------|
| Sodium Hydrogen Sulfite       | -     | <div></div> |
| Sodium Hydroxide liquor (15%) | 15%   | <div></div> |
| Sodium Hydroxide liquor (60%) | 60%   | <div></div> |
| Sodium Nitrate, aqueous       | -     | <div></div> |
| Sodium Thiosulfate            | -     | <div></div> |
| 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> |