



# POM H 3000x500x45 mm luonnollinen

Artikelnr P1008770

## 1. Tekniskt datablad

| Egenskap                                      | Värde            | Enhet               | Standard           |
|-----------------------------------------------|------------------|---------------------|--------------------|
| Tiäys                                         | 3                | g/cm³               | DIN EN ISO 1183-1  |
| Venymisrajan jännitys                         | 53               | MPa                 | DIN EN ISO 527-2   |
| Joustavuusmoduli (vetolujuus)                 | 3000             | MPa                 | DIN EN ISO 527-2   |
| Murtovenymä                                   | 8                | %                   | DIN EN ISO 527-2   |
| Sulamispiste                                  | 179              | °C                  | DIN EN ISO 11357   |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 150              | °C                  |                    |
| Maksimi käyttölämpötila                       | 110              | °C                  |                    |
| Lämpökestävä (HDT/A)                          | 141              | °C                  |                    |
| Vicat-pehmenemislämpötila (VST/B/50)          | 90               | °C                  | DIN EN ISO 306     |
| Dielektrinen voimakkuus                       | 23               | kV/mm               | ISO 60243-1        |
| Tilavuusresistanssi                           | 10 <sup>-1</sup> | Ω                   | DIN EN 62631-3-1   |
| Dielektrinen vakio (1 MHz)                    | 2.4              | -                   | IEC 60250          |
| Paloaluokitus (UL 94)                         | 60695            |                     | UL 94              |
| Taivutuslujuus                                | 53               | MPa                 | DIN EN ISO 527-2   |
| Lämpöjohtavuus                                | 0.46             | W/(m·K)             | ISO 22007-4        |
| Pintaresistanssi                              | 10 <sup>-1</sup> | Ω                   | DIN EN 62631-3-2   |
| Imeytymisen maksimointi                       | 0.1              | %                   | DIN EN ISO 62      |
| Särkyäkesto (Charpy)                          | 25               | kJ/m²               | DIN EN ISO 179-1   |
| Iskunkestävyys (Charpy)                       | 2                | kJ/m²               | DIN EN ISO 179-1   |
| Lämpölaajenemiskerroin                        | 23               | 10 <sup>-6</sup> /K | DIN EN ISO 11359-1 |
| Kovuus Shore D                                | 81               | ° Shore D           | DIN EN ISO 868     |

## 2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

| Kemikalie   | Konc. | Resultat |
|-------------|-------|----------|
| 1,4-Dioxane | 100%  |          |

| Kemikalie               | Konc.   | Resultat    |
|-------------------------|---------|-------------|
| 2-Hydroxypropionic Acid | 90%     | <div></div> |
| Acetic Acid             | 100%    | <div></div> |
| Acetone                 | 100%    | <div></div> |
| Ammonia                 | conc.   | <div></div> |
| Ammonium Chloride       | â€”     | <div></div> |
| Amyl Alcohol            | â€”     | <div></div> |
| Apple Juice             | â€”     | <div></div> |
| Benzene                 | â€”     | <div></div> |
| Bleaching Solution      | 12.5 cl | <div></div> |
| Boric Acid              | 100%    | <div></div> |
| Brake Fluid             | â€”     | <div></div> |
| Butyl Acetate           | â€”     | <div></div> |
| Calcium Chloride        | â€”     | <div></div> |
| Carbon Disulfide        | 100%    | <div></div> |
| Carbon Tetrachloride    | â€”     | <div></div> |
| Chlorine (gas)          | 100%    | <div></div> |
| Chlorobenzene           | 100%    | <div></div> |
| Chloroform              | â€”     | <div></div> |
| Citric Acid             | 10%     | <div></div> |
| Cresol                  | â€”     | <div></div> |
| Cyclohexanone           | 100%    | <div></div> |
| Cyclohexene             | 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> |
| Food Oil                | â€”     | <div></div> |
| Formaldehyde, aqueous   | 40%     | <div></div> |
| Formic Acid             | 10%     | <div></div> |
| Frost Protection Agent  | â€”     | <div></div> |
| Fuel, aromatic free     | â€”     | <div></div> |
| Glycerine               | 100%    | <div></div> |
| Glycol                  | 100%    | <div></div> |

| Kemikalie                          | Konc.      | Resultat |
|------------------------------------|------------|----------|
| Heating Oil                        | â€™        |          |
| Heptane                            | 100%       |          |
| Hydrochloric Acid                  | 10%        |          |
| Hydrochloric Acid (concentrated)   | conc.      |          |
| Hydrofluoric Acid                  | 40%        |          |
| Hydrogen Peroxide                  | 10%        |          |
| Hydrogen Sulfide, aqueous solution | â€™        |          |
| Isopropyl Alcohol                  | 100%       |          |
| Linseed Oil                        | â€™        |          |
| Mercurochrome                      | â€™        |          |
| Methyl Alcohol                     | 100%       |          |
| Methyl Ethyl Ketone (MEK)          | 100%       |          |
| Methylene Chloride                 | 100%       |          |
| Milk                               | â€™        |          |
| Mineral Oils (aromatic free)       | â€™        |          |
| Nitric Acid                        | 10%        |          |
| Nitric Acid (50%)                  | 50%        |          |
| Nitrobenzene                       | â€™        |          |
| Oxalic Acid                        | â€™        |          |
| Ozone Gas                          | â‰ƒ0.5 ppm |          |
| Paraffine Oil                      | 100%       |          |
| Perchloroethylene                  | â€™        |          |
| Petroleum                          | 100%       |          |
| Petroleum Ether                    | 100%       |          |
| Phenol, aqueous                    | ca. 9%     |          |
| Phosphoric Acid                    | 50%        |          |
| Potassium Hydroxide liquor         | 50%        |          |
| Premium Fuel                       | â€™        |          |
| Propyl Alcohol                     | â€™        |          |
| Pyridine                           | â€™        |          |
| Silicone Oil                       | â€™        |          |
| Sodium Carbonate, aqueous          | â€™        |          |
| Sodium Chloride, aqueous           | â€™        |          |
| Sodium Hydrogen Sulfite            | â€™        |          |
| Sodium Hydroxide liquor (15%)      | 15%        |          |

| Kemikalie                     | Konc. | Resultat    |
|-------------------------------|-------|-------------|
| Sodium Hydroxide liquor (60%) | 60%   | <div></div> |
| Sodium Nitrate, aqueous       | â€”   | <div></div> |
| Sodium Thiosulfate            | â€”   | <div></div> |
| Sulfuric Acid                 | 96%   | <div></div> |
| Tetrahydrofuran, THF          | 100%  | <div></div> |
| Toluene                       | 100%  | <div></div> |
| Transformer Oil               | â€”   | <div></div> |
| Trichloroethylene             | 100%  | <div></div> |
| Vinegar, standard             | 5-10% | <div></div> |
| Water                         | â€”   | <div></div> |
| Xylene                        | â€”   | <div></div> |