



PE-500 2000x1000x90 mm svart

Artikelnr P1400322  
Material PE

1. Tekniskt datablad

| Egenskap                               | Värde            | Enhet               | Standard          |
|----------------------------------------|------------------|---------------------|-------------------|
| Tetthet                                | 1.3              | g/cm³               | DIN EN ISO 1183-1 |
| StrekkgrenseSpenning                   | 24.2             | MPa                 | DIN EN ISO 527    |
| Elastisitetsmodul (trek)               | 1100             | MPa                 | DIN EN ISO 527    |
| Brottsdeformasjon                      | 138.75           | %                   | DIN EN ISO 527    |
| Smeltepunkt                            | 132.5            | °C                  | ISO 11357-3       |
| Maksimal drifttemperatur (kortvarig)   | 80               | °C                  |                   |
| Maksimal driftstemperatur              | 54               | °C                  |                   |
| Minstemperatur                         | -100             | °C                  |                   |
| Vicat-mykningstemperatur (VST/B/50)    | 79               | °C                  | DIN EN ISO 306    |
| Dielektrisk Styrke                     | 40               | kV/mm               | IEC 60243         |
| VolumResistivitet                      | 10 <sup>14</sup> | Ω                   | DIN EN 62631-3-1  |
| Dielektrisk konstant (1 MHz)           | 2.3              | -                   | IEC 60250         |
| Dielektrisk dissipasjonsfaktor (1 MHz) | 0.0              | -                   | IEC 60250         |
| Dielektrisk tapfaktor (100 Hz)         | 0.0              | -                   | IEC 60250         |
| Brannklasse (UL 94)                    | 3                |                     | UL 94             |
| Termisk konduktivitet                  | 0.4              | W/(m·K)             | DIN 52612-1       |
| Overflatemotstand                      | ~10 <sup>8</sup> | Ω                   | DIN EN 62631-3-2  |
| Sammenligningskrypstrømsindeks (CTI)   | 600              | V                   | IEC 60112         |
| Fuktabsorpsjon til metning             | 0.0              | %                   | DIN EN ISO 62     |
| Vannabsorpsjon til metning             | 0.0              | %                   | DIN EN ISO 62     |
| Skåret slagfasthet (Charpy)            | 2                | kJ/m²               | DIN EN ISO 179    |
| Termisk utvidelseskoeffisient          | 2.4              | 10 <sup>-4</sup> /K | DIN 53752         |
| Hardhet Shore D                        | 65               | ° Shore D           | DIN EN ISO 868    |
| Kuletrykkshardhet                      | 50               | MPa                 | ISO 2039-1        |

## 2. Kemisk beständighet

● Beständig   ● Delvis beständig   ● Ej beständig

| Kemikalie                        | Konc.             | Resultat |
|----------------------------------|-------------------|----------|
| 1,4-Dioxan                       | 100%              | ●        |
| 2-Hydroxypropionic Acid          | 90%               | ●        |
| Acetaldehyd                      | -                 | ●        |
| Acetic Acid                      | 100%              | ●        |
| Aceton                           | -                 | ●        |
| Aceton                           | 100%              | ●        |
| Acronal-dispersjoner             | -                 | ●        |
| Akrylonitril                     | -                 | ●        |
| Allylacetat                      | -                 | ●        |
| Allylalkohol                     | 96%               | ●        |
| Allylklorid                      | -                 | ●        |
| Aluminiumfluorid                 | Conc.             | ●        |
| Aluminiumhydroxid                | -                 | ●        |
| Aluminiumklorid, fast            | -                 | ●        |
| Aluminiumklorid, vattenl.        | any               | ●        |
| Aluminiummetafosfat              | -                 | ●        |
| Aluminiumsulfat, fast            | -                 | ●        |
| Aluminiumsulfat, vattenl. mättad | -                 | ●        |
| Ammoniak                         | concentrated      | ●        |
| Ammoniak, flytande               | -                 | ●        |
| Ammoniak, gas                    | -                 | ●        |
| Ammonium Chloride                | -                 | ●        |
| Amyl Alcohol                     | -                 | ●        |
| Anilin                           | any               | ●        |
| Anisol                           | -                 | ●        |
| Apple Juice                      | -                 | ●        |
| Bensen                           | -                 | ●        |
| Bensen                           | technically grade | ●        |
| Bensoesyra, vattenl.             | any               | ●        |
| Bensylalkohol                    | -                 | ●        |
| Benzaldehyd, vattenl.            | any               | ●        |
| Bitumen                          | -                 | ●        |

| Kemikalie              | Konc.   | Resultat    |
|------------------------|---------|-------------|
| Bleaching Solution     | 12.5 cl | <div></div> |
| Blekk                  | -       | <div></div> |
| Boric Acid             | 100%    | <div></div> |
| Brake Fluid            | -       | <div></div> |
| Brom, flytande         | 100%    | <div></div> |
| Bromvätesyra, vattenl. | 50%     | <div></div> |
| Bränsle (aromatfritt)  | -       | <div></div> |
| Butanol, vattenl.      | any     | <div></div> |
| Butyl Acetate          | -       | <div></div> |
| Calcium Chloride       | -       | <div></div> |
| Calcium carbonate      | -       | <div></div> |
| Calcium carbonate      | -       | <div></div> |
| Carbon Disulfide       | 100%    | <div></div> |
| Carbon Tetrachloride   | -       | <div></div> |
| Caustic soda           | any     | <div></div> |
| Cider                  | -       | <div></div> |
| Citric Acid            | 10%     | <div></div> |
| Citrusfruktjuicer      | -       | <div></div> |
| Cyklohexan             | -       | <div></div> |
| Cyklohexanol           | -       | <div></div> |
| Cyklohexanon           | -       | <div></div> |
| Cyklohexanon           | 100%    | <div></div> |
| Cyklohexen             | 100%    | <div></div> |
| Dibutyleter            | -       | <div></div> |
| Dibutylftalat          | -       | <div></div> |
| Diesel Fuel            | -       | <div></div> |
| Diesel fuel            | -       | <div></div> |
| Diethylene Oxide       | -       | <div></div> |
| Diglykolsyra, vattenl. | 30%     | <div></div> |
| Diklorethan            | -       | <div></div> |
| Diklorättiksyra        | -       | <div></div> |
| Dimethyl formamide     | -       | <div></div> |
| Dimetylamin            | -       | <div></div> |
| Dioxan                 | -       | <div></div> |
| Eddik (standard)       | 5-10%   | <div></div> |

| Kemikalie                                | Konc.       | Resultat |
|------------------------------------------|-------------|----------|
| Ethanol                                  | 10%         | ●        |
| Ethanol                                  | 10%         | ●        |
| Ethanol                                  | 10% v/v     | ●        |
| Ethanol                                  | 10%         | ●        |
| Ethyl Acetate                            | 100%        | ●        |
| Ethyl Alcohol                            | 96%         | ●        |
| Ethylene Chloride                        | 100%        | ●        |
| Etylacetat                               | -           | ●        |
| Etylenalkohol                            | 96%         | ●        |
| Etylendiamin                             | -           | ●        |
| Etylenglykol                             | -           | ●        |
| Etylenklorid                             | -           | ●        |
| Fenol                                    | -           | ●        |
| Fenol (vattenl.)                         | ≈9%         | ●        |
| Ferrous (III) nitrate, aqueous saturated | -           | ●        |
| Ferrous (III) sulfate, aqueous saturated | -           | ●        |
| Food Oil                                 | -           | ●        |
| Formaldehyd (vattenl.)                   | 40%         | ●        |
| Formaldehyd, vattenl.                    | ≤40%        | ●        |
| Formic Acid                              | 10%         | ●        |
| Fosforsyra, vattenl.                     | 50%         | ●        |
| Fosforsyra, vattenl.                     | 80% L 95%   | ●        |
| Fosfortriklorid                          | -           | ●        |
| Frigen 12 (Freon 12)                     | 100%        | ●        |
| Frost Protection Agent                   | -           | ●        |
| Fruktjuicer                              | any         | ●        |
| Ftalsyra, vattenl.                       | 50%         | ●        |
| Furfurol                                 | -           | ●        |
| Fyringsolja                              | -           | ●        |
| Garvsyra (tannin), vattenl.              | 10%         | ●        |
| Glycerin                                 | 100%        | ●        |
| Glycerin, aqueous                        | any         | ●        |
| Glykol                                   | 100%        | ●        |
| Glykol, aqueous                          | as supplied | ●        |

| Kemikalie                              | Konc.             | Resultat |
|----------------------------------------|-------------------|----------|
| Glysantin                              | -                 | ●        |
| Heating Oil                            | -                 | ●        |
| Heptan                                 | -                 | ●        |
| Heptan                                 | 100%              | ●        |
| Hexan                                  | -                 | ●        |
| Honning                                | -                 | ●        |
| Hydrochloric Acid                      | 10%               | ●        |
| Hydrochloric Acid (concentrated)       | concentrated      | ●        |
| Hydrofluoric Acid                      | 40%               | ●        |
| Hydrogen Peroxide                      | 10%               | ●        |
| Hydrogen Sulfide (aqueous solution)    | -                 | ●        |
| Isooktan                               | -                 | ●        |
| Isopropanol                            | -                 | ●        |
| Isopropyl Alcohol                      | 100%              | ●        |
| Isopropyleter                          | -                 | ●        |
| Jod i kaliumjodidlösning               | 3% iodine         | ●        |
| Järn(II)klorid, vattenl. mättad        | -                 | ●        |
| Järn(II)sulfat, vattenl. mättad        | -                 | ●        |
| Järn(III)klorid, vattenl.              | any               | ●        |
| Järn(III)klorid, vattenl. mättad       | -                 | ●        |
| Järn(III)nitrat, vattenl. mättad       | -                 | ●        |
| Järn(III)sulfat, vattenl. mättad       | -                 | ●        |
| Kalciumhypoklorit, vattenl. suspension | any               | ●        |
| Kamfer                                 | -                 | ●        |
| Klor (gas)                             | 100%              | ●        |
| Klor, flytande                         | -                 | ●        |
| Klorbensen                             | -                 | ●        |
| Klorbensen                             | 100%              | ●        |
| Kloroform                              | -                 | ●        |
| Kloroform                              | technically grade | ●        |
| Klorättiksyra, vattenl.                | ≤85%              | ●        |
| Kokosolje                              | -                 | ●        |
| Koldisulfid                            | -                 | ●        |
| Kresol                                 | -                 | ●        |
| Kresol                                 | 100%              | ●        |

| Kemikalie                                    | Konc.                      | Resultat    |
|----------------------------------------------|----------------------------|-------------|
| Kromsyra-svavelsyra                          | -                          | <div></div> |
| Kungsvatten                                  | -                          | <div></div> |
| Kvicksilver                                  | -                          | <div></div> |
| Linolje                                      | technically grade          | <div></div> |
| Linseed Oil                                  | -                          | <div></div> |
| Litiumbromid                                 | -                          | <div></div> |
| Magnesium stearate                           | -                          | <div></div> |
| Magnesium stearate                           | -                          | <div></div> |
| Maleinsyra, vattenl.                         | any                        | <div></div> |
| Melasse                                      | -                          | <div></div> |
| Melk                                         | -                          | <div></div> |
| Melk                                         | -                          | <div></div> |
| Mentol                                       | -                          | <div></div> |
| Merkurokrom                                  | -                          | <div></div> |
| Metanol                                      | technically grade          | <div></div> |
| Methyl Alcohol                               | 100%                       | <div></div> |
| Methyl Ethyl Ketone (MEK)                    | 100%                       | <div></div> |
| Methyl ethyl ketone                          | technically grade          | <div></div> |
| Methylene Chloride                           | 100%                       | <div></div> |
| Metylklorid                                  | gaseous, technically grade | <div></div> |
| Mineral Oil (aromatic free)                  | -                          | <div></div> |
| Motor oil (heavy duty oil) without additives | -                          | <div></div> |
| Myrsyra, vattenl.                            | 85%                        | <div></div> |
| Nafta                                        | -                          | <div></div> |
| Naftalen                                     | -                          | <div></div> |
| Natriumbromid                                | -                          | <div></div> |
| Natriumhydroxid, fast                        | -                          | <div></div> |
| Natriumhydroxid, vattenl.                    | any                        | <div></div> |
| Nitric Acid                                  | 10%                        | <div></div> |
| Nitric Acid (50%)                            | 50%                        | <div></div> |
| Nitrobensen                                  | -                          | <div></div> |
| Nitrobensen                                  | -                          | <div></div> |
| Oils, ethereal                               | -                          | <div></div> |
| Oksygen                                      | -                          | <div></div> |
| Oleum                                        | any                        | <div></div> |

| Kemikalie                        | Konc.       | Resultat |
|----------------------------------|-------------|----------|
| Olive oil                        | -           | ●        |
| Olive oil                        | -           | ●        |
| Olive oil                        | -           | ●        |
| Olive oil                        | -           | ●        |
| Oljer, vegetabilske og animalske | -           | ●        |
| Oljesyra                         | -           | ●        |
| Oppvaskmiddel                    | -           | ●        |
| Oxalic Acid                      | -           | ●        |
| Oxalsyra, vattenl.               | any         | ●        |
| Ozon                             | 50 ppm      | ●        |
| Ozone Gas                        | ≤0.5 ppm    | ●        |
| Paraffine Oil                    | 100%        | ●        |
| Parafin                          | -           | ●        |
| Perkloretylen                    | -           | ●        |
| Perklorsyra, vattenl.            | 70%         | ●        |
| Perklorsyra, vattenl.            | 20%         | ●        |
| Perklorsyra, vattenl.            | 50%         | ●        |
| Petroleum                        | 100%        | ●        |
| Petroleum                        | -           | ●        |
| Petroleum Ether                  | 100%        | ●        |
| Petroleumeter                    | -           | ●        |
| Phosphoric Acid                  | 50%         | ●        |
| Photographic developers          | -           | ●        |
| Photographic emulsions           | as supplied | ●        |
| Photographic fixing baths        | as supplied | ●        |
| Polyesterhartser                 | -           | ●        |
| Potassium Hydroxide liquor       | 50%         | ●        |
| Premium Fuel                     | -           | ●        |
| Propionsyra, vattenl.            | any         | ●        |
| Propyl Alcohol                   | -           | ●        |
| Pyridin                          | -           | ●        |
| Pyridin                          | -           | ●        |
| Salpetersyra, vattenl.           | 25%         | ●        |
| Salpetersyra, vattenl.           | 50%         | ●        |

| Kemikalie                     | Konc.             | Resultat |
|-------------------------------|-------------------|----------|
| Saltsyra, vattenl.            | any               | ●        |
| Silicon dioxide               | -                 | ●        |
| Silicon dioxide               | -                 | ●        |
| Silicone Oil                  | -                 | ●        |
| Silikonolja                   | technically grade | ●        |
| Sjövann                       | -                 | ●        |
| Smør                          | -                 | ●        |
| Sodium Carbonate (aqueous)    | -                 | ●        |
| Sodium Chloride (aqueous)     | -                 | ●        |
| Sodium Hydrogen Sulfite       | -                 | ●        |
| Sodium Hydroxide liquor       | 15%               | ●        |
| Sodium Hydroxide liquor (60%) | 60%               | ●        |
| Sodium Nitrate (aqueous)      | -                 | ●        |
| Sodium Thiosulfate            | -                 | ●        |
| Sodium borate                 | -                 | ●        |
| Stearinsyra                   | -                 | ●        |
| Sukkersirup                   | -                 | ●        |
| Sulfuric Acid                 | 96%               | ●        |
| Svavelsyra, vattenl.          | ≤50%              | ●        |
| Svavelsyra, vattenl.          | 98%               | ●        |
| Svavelsyra, vattenl.          | 70%               | ●        |
| Svavelsyra, vattenl.          | 80%               | ●        |
| Syltetøy                      | -                 | ●        |
| Talg                          | technically grade | ●        |
| Tenn(II)klorid, vattenl.      | any               | ●        |
| Tenn(IV)klorid, vattenl.      | saturated         | ●        |
| Terpentinolja                 | technically grade | ●        |
| Tetrahydrofuran               | technically grade | ●        |
| Tetrahydrofuran (THF)         | 100%              | ●        |
| Tiofen                        | -                 | ●        |
| Tionylklorid                  | -                 | ●        |
| Titanium dioxide              | -                 | ●        |
| Titanium dioxide              | -                 | ●        |
| Toluen                        | 100%              | ●        |

| Kemikalie                      | Konc.             | Resultat    |
|--------------------------------|-------------------|-------------|
| Toluen                         | technically grade | <div></div> |
| Torskeleverije                 | -                 | <div></div> |
| Transformatorolja (isolerolja) | technically grade | <div></div> |
| Transformer Oil                | -                 | <div></div> |
| Trichloracetic acid            | technically grade | <div></div> |
| Trietanolamin                  | -                 | <div></div> |
| Trietanolamin                  | -                 | <div></div> |
| Trikloretan                    | 100%              | <div></div> |
| Trikloretan                    | technically grade | <div></div> |
| Urea, aqueous                  | ≤33%              | <div></div> |
| Vann                           | -                 | <div></div> |
| Vann, destillert               | -                 | <div></div> |
| Vaselin                        | technically grade | <div></div> |
| Vin                            | -                 | <div></div> |
| Washing up liquids             | usual             | <div></div> |
| Xylen                          | -                 | <div></div> |
| Xylen                          | -                 | <div></div> |
| Zinkslam                       | -                 | <div></div> |
| Ättiksyra                      | 3%                | <div></div> |
| Ättiksyra                      | 3%                | <div></div> |
| Ättiksyra                      | 3% w/w            | <div></div> |
| Ättiksyra                      | 100%              | <div></div> |
| Ättiksyra                      | 3%                | <div></div> |
| Ättiksyra, vattenl.            | 70%               | <div></div> |
| Ättiksyraanhydrid              | -                 | <div></div> |
| Øl                             | -                 | <div></div> |