

# PE-500 2000x1000x20 mm rÅ,d

Artikelnr P1400462

## 1. Tekniskt datablad

| Egenskap                               | VÄrde  | Enhet      | Standard          |
|----------------------------------------|--------|------------|-------------------|
| Tetthet                                | 1.3    | g/cmÅ³     | DIN EN ISO 1183-1 |
| StreckgrenseSpinning                   | 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  | Å°C        | ISO 11357-3       |
| Maksimal drifttemperatur (kortvarig)   | 80     | Å°C        |                   |
| Maksimal driftstemperatur              | 54     | Å°C        |                   |
| Minstemperatur                         | -100   | Å°C        |                   |
| Vicat-mykningstemperatur (VST/B/50)    | 79     | Å°C        | DIN EN ISO 306    |
| Dielektrisk Styrke                     | 40     | kV/mm      | IEC 60243         |
| VolumResistivitet                      | 10Å¹å´ | Î©         | 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/(mÅ·K)   | DIN 52612-1       |
| Overflatemotstand                      | ~10å,  | Î©         | DIN EN 62631-3-2  |
| SammenligningskrypstrÅmsindeks (CTI)   | 600    | V          | IEC 60112         |
| Fuktabsorpsjon til metning             | 0.0    | %          | DIN EN ISO 62     |
| Vannabsorpsjon til metning             | 0.0    | %          | DIN EN ISO 62     |
| SkÅ¥ret slagfasthet (Charpy)           | 2      | kJ/mÅ²     | DIN EN ISO 179    |
| Termisk utvidelseskoeffisient          | 2.4    | 10å»å´/K   | DIN 53752         |
| Hardhet Shore D                        | 65     | Å° Shore D | DIN EN ISO 868    |
| Kuletrykkshardhet                      | 50     | MPa        | ISO 2039-1        |

## 2. Kemisk bestÅndighet

● BestÅndig ● Delvis bestÅndig ● Ej bestÅndig

| Kemikalie                         | Konc.             | Resultat |
|-----------------------------------|-------------------|----------|
| 1,4-Dioxan                        | 100%              | ●        |
| 2-Hydroxypropionic Acid           | 90%               | ●        |
| Acetaldehyd                       | â€”               | ●        |
| Acetic Acid                       | 100%              | ●        |
| Aceton                            | 100%              | ●        |
| Aceton                            | â€”               | ●        |
| Acronal-dispersjoner              | â€”               | ●        |
| Akrylonitril                      | â€”               | ●        |
| Allylacetat                       | â€”               | ●        |
| Allylalkohol                      | 96%               | ●        |
| Allylklorid                       | â€”               | ●        |
| Aluminiumfluorid                  | Conc.             | ●        |
| Aluminiumhydroxid                 | â€”               | ●        |
| Aluminiumklorid, fast             | â€”               | ●        |
| Aluminiumklorid, vattenl.         | any               | ●        |
| Aluminiummetafosfat               | â€”               | ●        |
| Aluminiumsulfat, fast             | â€”               | ●        |
| Aluminiumsulfat, vattenl. m  ttad | â€”               | ●        |
| Ammoniak                          | concentrated      | ●        |
| Ammoniak, flytande                | â€”               | ●        |
| Ammoniak, gas                     | â€”               | ●        |
| Ammonium Chloride                 | â€”               | ●        |
| Amyl Alcohol                      | â€”               | ●        |
| Anilin                            | any               | ●        |
| Anisol                            | â€”               | ●        |
| Apple Juice                       | â€”               | ●        |
| Bensen                            | â€”               | ●        |
| Bensen                            | technically grade | ●        |
| Bensoesyra, vattenl.              | any               | ●        |
| Bensylalkohol                     | â€”               | ●        |
| Benzaldehyd, vattenl.             | any               | ●        |
| Bitumen                           | â€”               | ●        |
| Bleaching Solution                | 12.5 cl           | ●        |
| Blekk                             | â€”               | ●        |
| Boric Acid                        | 100%              | ●        |

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| Brake Fluid             | â€™   | ●        |
| Brom, flytande          | 100%  | ●        |
| Bromv  tesyra, vattenl. | 50%   | ●        |
| Br  nsle (aromatfritt)  | â€™   | ●        |
| Butanol, vattenl.       | any   | ●        |
| Butyl Acetate           | â€™   | ●        |
| Calcium Chloride        | â€™   | ●        |
| Calcium carbonate       | â€™   | ●        |
| Calcium carbonate       | â€™   | ●        |
| Carbon Disulfide        | 100%  | ●        |
| Carbon Tetrachloride    | â€™   | ●        |
| Caustic soda            | any   | ●        |
| Cider                   | â€™   | ●        |
| Citric Acid             | 10%   | ●        |
| Citrusfruktjuicer       | â€™   | ●        |
| Cyklohexan              | â€™   | ●        |
| Cyklohexanol            | â€™   | ●        |
| Cyklohexanon            | â€™   | ●        |
| Cyklohexanon            | 100%  | ●        |
| Cyklohexen              | 100%  | ●        |
| Dibutyleter             | â€™   | ●        |
| Dibutylftalat           | â€™   | ●        |
| Diesel Fuel             | â€™   | ●        |
| Diesel fuel             | â€™   | ●        |
| Diethylene Oxide        | â€™   | ●        |
| Diglykolsyra, vattenl.  | 30%   | ●        |
| Diklorethan             | â€™   | ●        |
| Diklor  ttiksyra        | â€™   | ●        |
| Dimethyl formamide      | â€™   | ●        |
| Dimetylamin             | â€™   | ●        |
| Dioxan                  | â€™   | ●        |
| Eddik (standard)        | 5-10% | ●        |
| Ethanol                 | 10%   | ●        |
| Ethanol                 | 10%   | ●        |

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

| Kemikalie                              | Konc.             | Resultat |
|----------------------------------------|-------------------|----------|
| Heptan                                 | â€”               | ●        |
| Heptan                                 | 100%              | ●        |
| Hexan                                  | â€”               | ●        |
| Honning                                | â€”               | ●        |
| Hydrochloric Acid                      | 10%               | ●        |
| Hydrochloric Acid (concentrated)       | concentrated      | ●        |
| Hydrofluoric Acid                      | 40%               | ●        |
| Hydrogen Peroxide                      | 10%               | ●        |
| Hydrogen Sulfide (aqueous solution)    | â€”               | ●        |
| Isooktan                               | â€”               | ●        |
| Isopropanol                            | â€”               | ●        |
| Isopropyl Alcohol                      | 100%              | ●        |
| Isopropyleter                          | â€”               | ●        |
| Jod i kaliumjodidl sning               | 3% iodine         | ●        |
| J  rn(II)klorid, vattenl. m  ttad      | â€”               | ●        |
| J  rn(II)sulfat, vattenl. m  ttad      | â€”               | ●        |
| J  rn(III)klorid, vattenl.             | any               | ●        |
| J  rn(III)klorid, vattenl. m  ttad     | â€”               | ●        |
| J  rn(III)nitrat, vattenl. m  ttad     | â€”               | ●        |
| J  rn(III)sulfat, vattenl. m  ttad     | â€”               | ●        |
| Kalciumhypoklorit, vattenl. suspension | any               | ●        |
| Kamfer                                 | â€”               | ●        |
| Klor (gas)                             | 100%              | ●        |
| Klor, flytande                         | â€”               |          |
| Klorbensen                             | â€”               | ●        |
| Klorbensen                             | 100%              | ●        |
| Kloroform                              | â€”               | ●        |
| Kloroform                              | technically grade | ●        |
| Klor  ttiksyra, vattenl.               |    85%            | ●        |
| Kokosolje                              | â€”               | ●        |
| Koldisulfid                            | â€”               |          |
| Kresol                                 | 100%              | ●        |
| Kresol                                 | â€”               | ●        |
| Kromsyra-svavelsyra                    | â€”               |          |
| Kungsvatten                            | â€”               |          |

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

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

| Kemikalie                     | Konc.             | Resultat |
|-------------------------------|-------------------|----------|
| Silicon dioxide               | â€”               | ●        |
| Silicon dioxide               | â€”               | ●        |
| Silicone Oil                  | â€”               | ●        |
| Silikonolja                   | technically grade | ●        |
| Sj ,vann                      | â€”               | ●        |
| Sm ,r                         | â€”               | ●        |
| Sodium Carbonate (aqueous)    | â€”               | ●        |
| Sodium Chloride (aqueous)     | â€”               | ●        |
| Sodium Hydrogen Sulfite       | â€”               | ●        |
| Sodium Hydroxide liquor       | 15%               | ●        |
| Sodium Hydroxide liquor (60%) | 60%               | ●        |
| Sodium Nitrate (aqueous)      | â€”               | ●        |
| Sodium Thiosulfate            | â€”               | ●        |
| Sodium borate                 | â€”               | ●        |
| Stearinsyra                   | â€”               | ●        |
| Sukkersirup                   | â€”               | ●        |
| Sulfuric Acid                 | 96%               | ●        |
| Svavelsyra, vattenl.          | 98%               | ●        |
| Svavelsyra, vattenl.          | 80%               | ●        |
| Svavelsyra, vattenl.          |   50%             | ●        |
| Svavelsyra, vattenl.          | 70%               | ●        |
| Syltet ,y                     | â€”               | ●        |
| Talg                          | technically grade | ●        |
| Tenn(II)klorid, vattenl.      | any               | ●        |
| Tenn(IV)klorid, vattenl.      | saturated         | ●        |
| Terpentinolja                 | technically grade | ●        |
| Tetrahydrofuran               | technically grade | ●        |
| Tetrahydrofuran (THF)         | 100%              | ●        |
| Tiofen                        | â€”               | ●        |
| Tionylklorid                  | â€”               | ●        |
| Titanium dioxide              | â€”               | ●        |
| Titanium dioxide              | â€”               | ●        |
| Toluen                        | technically grade | ●        |
| Toluen                        | 100%              | ●        |
| Torskeleverije                | â€”               | ●        |

| Kemikalie                      | Konc.             | Resultat |
|--------------------------------|-------------------|----------|
| Transformatorolja (isolerolja) | technically grade | ●        |
| Transformer Oil                | â€”               | ●        |
| Trichloracetic acid            | technically grade | ●        |
| Trietanolamin                  | â€”               | ●        |
| Trietanolamin                  | â€”               | ●        |
| Trikloretan                    | 100%              | ●        |
| Trikloretan                    | technically grade | ●        |
| Urea, aqueous                  | â‰ƒ33%            | ●        |
| Vann                           | â€”               | ●        |
| Vann, destillert               | â€”               | ●        |
| Vaselin                        | technically grade | ●        |
| Vin                            | â€”               | ●        |
| Washing up liquids             | usual             | ●        |
| Xylen                          | â€”               | ●        |
| Xylen                          | â€”               | ●        |
| Zinkslam                       | â€”               | ●        |
| Ã„ttiksyra                     | 3%                | ●        |
| Ã„ttiksyra                     | 100%              | ●        |
| Ã„ttiksyra                     | 3%                | ●        |
| Ã„ttiksyra                     | 3% w/w            | ●        |
| Ã„ttiksyra                     | 3%                | ●        |
| Ã„ttiksyra, vattenl.           | 70%               | ●        |
| Ã„ttiksyraanhydrid             | â€”               | ●        |
| ÃˆI                            | â€”               | ●        |