



# Platta i PE-500 3000x1250x70 mm blå

Artikelnr P1400394

## 1. Tekniskt datablad

| Egenskap                             | Värde     | Enhet     | Standard          |
|--------------------------------------|-----------|-----------|-------------------|
| Densitet                             | 1.3       | g/cm³     | DIN EN ISO 1183-1 |
| Sträckgränsspänning                  | 24.2      | MPa       | DIN EN ISO 527    |
| Elasticitetsmodul (drag)             | 1100      | MPa       | DIN EN ISO 527    |
| Brottåjning                          | 138.75    | %         | DIN EN ISO 527    |
| Smältpunkt                           | 132.5     | °C        | ISO 11357-3       |
| Maximal drifttemperatur (korttid)    | 80        | °C        |                   |
| Maximal drifttemperatur              | 54        | °C        |                   |
| Minsta temperatur                    | -100      | °C        |                   |
| Vicat mjukningstemperatur (VST/B/50) | 79        | °C        | DIN EN ISO 306    |
| Dielektrisk styrka                   | 40        | kV/mm     | IEC 60243         |
| Volymresistivitet                    | 10¹¹ Ω·m  | Ω·m       | DIN EN 62631-3-1  |
| Dielektrisk konstant (1 MHz)         | 2.3       | -         | IEC 60250         |
| Dielektrisk förlustfaktor (1 MHz)    | 0.0       | -         | IEC 60250         |
| Dielektrisk förlustfaktor (100 Hz)   | 0.0       | -         | IEC 60250         |
| Brandklassning (UL 94)               | 3         |           | UL 94             |
| Termisk konduktivitet                | 0.4       | W/(m·K)   | DIN 52612-1       |
| Ytresistivitet                       | ~10¹¹ Ω·m | Ω·m       | DIN EN 62631-3-2  |
| Jämförande krypsrampsindex (CTI)     | 600       | V         | IEC 60112         |
| Fuktabsorption till mättnad          | 0.0       | %         | DIN EN ISO 62     |
| Vattenabsorption till mättnad        | 0.0       | %         | DIN EN ISO 62     |
| Skärslagseghet (Charpy)              | 2         | kJ/m²     | DIN EN ISO 179    |
| Termisk utvidgningskoefficient       | 2.4       | 10⁻⁵ /K   | DIN 53752         |
| Hårldhet Shore D                     | 65        | ° Shore D | DIN EN ISO 868    |
| Kultryckshårldhet                    | 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                       | â€”               | ●        |
| Acetic Acid                       | 100%              | ●        |
| Aceton                            | â€”               | ●        |
| Aceton                            | 100%              | ●        |
| 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           | ●        |
| Bl  ck                            | 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            | 100%  | ●        |
| Cyklohexanon            | â€™   | ●        |
| 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€™   | ●        |
| Diskmedel               | â€™   | ●        |
| Eldningsolja            | â€™   | ●        |
| Ethanol                 | 10%   | ●        |

| Kemikalie                                | Konc.       | Resultat |
|------------------------------------------|-------------|----------|
| Ethanol                                  | 10% v/v     | ●        |
| Ethanol                                  | 10%         | ●        |
| 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.)                         | âˆž 9%      | ●        |
| Ferrous (III) nitrate, aqueous saturated | â€™         | ●        |
| Ferrous (III) sulfate, aqueous saturated | â€™         | ●        |
| Food Oil                                 | â€™         | ●        |
| Formaldehyd (vattenl.)                   | 40%         | ●        |
| Formaldehyd, vattenl.                    | âˆž 40%     | ●        |
| Formic Acid                              | 10%         | ●        |
| Fosforsyra, vattenl.                     | 80% L 95%   | ●        |
| Fosforsyra, vattenl.                     | 50%         | ●        |
| Fosfortriklorid                          | â€™         | ●        |
| Fotogen                                  | â€™         | ●        |
| Frigen 12 (Freon 12)                     | 100%        | ●        |
| Frost Protection Agent                   | â€™         | ●        |
| Fruktjuicer                              | any         | ●        |
| Ftalsyra, vattenl.                       | 50%         | ●        |
| Furfurol                                 | â€™         | ●        |
| Garvsyra (tannin), vattenl.              | 10%         | ●        |
| Glycerin                                 | 100%        | ●        |
| Glycerin, aqueous                        | any         | ●        |
| Glykol                                   | 100%        | ●        |
| Glykol, aqueous                          | as supplied | ●        |
| Glysantin                                | â€™         | ●        |

| Kemikalie                              | Konc.             | Resultat |
|----------------------------------------|-------------------|----------|
| Havsvatten                             | â€”               | ●        |
| Heating Oil                            | â€”               | ●        |
| Heptan                                 | â€”               | ●        |
| Heptan                                 | 100%              | ●        |
| Hexan                                  | â€”               | ●        |
| Honung                                 | 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%            | ●        |
| Kokosolja                              | â€”               | ●        |
| Koldisulfid                            | â€”               | ●        |
| Kresol                                 | 100%              | ●        |
| Kresol                                 | â€”               | ●        |

| Kemikalie                                    | Konc.                      | Resultat |
|----------------------------------------------|----------------------------|----------|
| Kromsyra-svavelsyra                          | â€”                        | ●        |
| Kungsvatten                                  | â€”                        | ●        |
| Kvicksilver                                  | â€”                        | ●        |
| Linolja                                      | technically grade          | ●        |
| Linseed Oil                                  | â€”                        | ●        |
| Litiumbromid                                 | â€”                        | ●        |
| Magnesium stearate                           | â€”                        | ●        |
| Magnesium stearate                           | â€”                        | ●        |
| Maleinsyra, vattenl.                         | any                        | ●        |
| Melass                                       | 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€”                        | ●        |
| Mj  lk                                       | â€”                        | ●        |
| Mj  lk                                       | 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€”                        | ●        |
| Oleum                                        | any                        | ●        |
| Olive oil                                    | â€”                        | ●        |

| Kemikalie                           | Konc.       | Resultat |
|-------------------------------------|-------------|----------|
| Olive oil                           | â€”         | ●        |
| Olive oil                           | â€”         | ●        |
| Olive oil                           | â€”         | ●        |
| Oljesyra                            | â€”         | ●        |
| Oljor, vegetabiliska och animaliska | â€”         | ●        |
| Oxalic Acid                         | â€”         | ●        |
| Oxalsyra, vattenl.                  | any         | ●        |
| Ozon                                | 50 ppm      | ●        |
| Ozone Gas                           | â‰¤0.5 ppm  | ●        |
| Paraffine Oil                       | 100%        | ●        |
| Perkloretylen                       | â€”         | ●        |
| Perklorsyra, vattenl.               | 20%         | ●        |
| Perklorsyra, vattenl.               | 50%         | ●        |
| Perklorsyra, vattenl.               | 70%         | ●        |
| Petroleum                           | â€”         | ●        |
| Petroleum                           | 100%        | ●        |
| 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.              | 25%         | ●        |
| Salpetersyra, vattenl.              | 50%         | ●        |
| Saltsyra, vattenl.                  | any         | ●        |
| Silicon dioxide                     | â€”         | ●        |
| Silicon dioxide                     | â€”         | ●        |

| Kemikalie                      | Konc.             | Resultat |
|--------------------------------|-------------------|----------|
| Silicone Oil                   | â€”               | ●        |
| Silikonolja                    | technically grade | ●        |
| Sm  r                          | â€”               | ●        |
| Sockersirap                    | 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€”               | ●        |
| Sulfuric Acid                  | 96%               | ●        |
| Svavelsyra, vattenl.           |    50%            | ●        |
| Svavelsyra, vattenl.           | 70%               | ●        |
| Svavelsyra, vattenl.           | 80%               | ●        |
| Svavelsyra, vattenl.           | 98%               | ●        |
| Sylt                           | â€”               | ●        |
| Syre                           | 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                         | 100%              |          |
| Toluen                         | technically grade |          |
| Torskleversolja                | â€”               | ●        |
| Transformatorolja (isolerolja) | technically grade | ●        |
| Transformer Oil                | â€”               | ●        |

| Kemikalie            | Konc.             | Resultat    |
|----------------------|-------------------|-------------|
| Trichloracetic acid  | technically grade | <div></div> |
| Trietanolamin        | â€”               | <div></div> |
| Trietanolamin        | â€”               | <div></div> |
| Trikloretan          | technically grade | <div></div> |
| Trikloretan          | 100%              | <div></div> |
| Urea, aqueous        | â‰ƒ33%            | <div></div> |
| Vaselin              | technically grade | <div></div> |
| Vatten               | â€”               | <div></div> |
| Vatten, destillerat  | â€”               | <div></div> |
| Vin                  | â€”               | <div></div> |
| Washing up liquids   | usual             | <div></div> |
| Xylen                | â€”               | <div></div> |
| Xylen                | â€”               | <div></div> |
| Zinkslam             | â€”               | <div></div> |
| Ã„ttika (standard)   | 5-10%             | <div></div> |
| Ã„ttiksyra           | 3%                | <div></div> |
| Ã„ttiksyra           | 3%                | <div></div> |
| Ã„ttiksyra           | 100%              | <div></div> |
| Ã„ttiksyra           | 3% w/w            | <div></div> |
| Ã„ttiksyra           | 3%                | <div></div> |
| Ã„ttiksyra, vattenl. | 70%               | <div></div> |
| Ã„ttiksyraanhydrid   | â€”               | <div></div> |
| Ã–I                  | â€”               | <div></div> |