



# PE-HD 2000x1000x8 mm natur

Artikelnr P1200460

## 1. Tekniskt datablad

| Egenskap                               | Värde | Enhet   | Standard     |
|----------------------------------------|-------|---------|--------------|
| Tetthet                                | 0.96  | g/cm³   | ISO 1183     |
| Streckgren                             | 20    | MPa     | ISO 527      |
| Elastisitetsmodul (trek)               | 1200  | MPa     | ISO 527      |
| Brottspenning                          | 13    | MPa     | ISO 527      |
| Brottsdeformasjon                      | 200   | %       | ISO 527      |
| Smeltepunkt                            | 135   | °C      | ISO 3146     |
| Maksimal drifttemperatur (kortvarig)   | 95    | °C      | UL746B       |
| Maksimal driftstemperatur              | 76    | °C      |              |
| Minstemperatur                         | -51   | °C      |              |
| Varme-forvrengning (HDT/A)             | 45    | °C      | ISO 75-2     |
| Varme-forvrengning (HDT/B)             | 69    | °C      | ISO 75       |
| Vicat-mykningstemperatur (VST/B/50)    | 79    | °C      | ISO 306      |
| Dielektrisk styrke                     | 45    | kV/mm   | IEC 60243-1  |
| Volumresistivitet                      | 10¹¹  | Ω·cm    | EN 61340-5-1 |
| Dielektrisk konstant (1 MHz)           | 2.4   | -       | IEC 60250    |
| Dielektrisk konstant (100 Hz)          | 2.3   | -       | IEC 60250    |
| Dielektrisk dissipasjonsfaktor (1 MHz) | 0.0   | -       | IEC 60250    |
| Dielektrisk tapfaktor (100 Hz)         | 0.0   | -       | IEC 60250    |
| Bøye modulus                           | 20    | MPa     | ISO527-2     |
| Termisk konduktivitet                  | 0.4   | W/(m·K) | DIN 52612    |
| Overflatemotstand                      | 10¹¹  | Ω       | EN 61340-5-1 |
| Sammenligningskrypsratenindeks (CTI)   | 600   | V       | IEC 60112    |
| Fuktabsorpsjon til metning             | 0.01  | %       | ISO 62       |
| Vannabsorpsjon til metning             | 0.01  | %       | ISO 62       |
| Slagenergi (Charpy)                    | 7.5   | kJ/m²   | ISO 179/1eA  |
| Slagenergi (Charpy)                    | 15    | kJ/m²   | ISO 179/1eU  |
| Termisk utvidelseskoeffisient          | 2     | 10⁻⁵/K  | ISO 11359    |

| Egenskap         | Värde | Enhet      | Standard   |
|------------------|-------|------------|------------|
| Hardhet Shore D  | 60    | Å° Shore D | shore D    |
| Kuletrykshardhet | 50    | MPa        | ISO 2039-1 |

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

| Kemikalie                        | Konc.             | Resultat |
|----------------------------------|-------------------|----------|
| 1,4-Dioxan                       | 100%              | ●        |
| 2-Hydroxiopionsyra (mjölksyra)   | 90%               | ●        |
| Acetaldehyd                      | â€”               | ●        |
| Aceton                           | â€”               | ●        |
| Aceton                           | 100%              | ●        |
| Acronal-dispersioner             | 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. mättad | â€”               | ●        |
| Ammoniak                         | concentrated      | ●        |
| Ammoniak, flytande               | â€”               | ●        |
| Ammoniak, gas                    | â€”               | ●        |
| Ammoniumklorid                   | â€”               | ●        |
| Amylalkohol                      | â€”               | ●        |
| Anilin                           | any               | ●        |
| Anisol                           | â€”               | ●        |
| Bensen                           | technically grade | ●        |
| Bensen                           | â€”               | ●        |
| Bensin (premium)                 | â€”               | ●        |

| Kemikalie               | Konc.   | Resultat |
|-------------------------|---------|----------|
| Bensoesyra, vattenl.    | any     | ●        |
| Bensylalkohol           | â€”     | ●        |
| Benzaldehyd, vattenl.   | any     | ●        |
| Bitumen                 | â€”     | ●        |
| Blekk                   | â€”     | ●        |
| Blekningsl  sning       | 12.5 cl | ●        |
| Borsyra                 | 100%    | ●        |
| Bremsev  lske           | â€”     | ●        |
| Brom, flytande          | 100%    | ●        |
| Bromv  tesyra, vattenl. | 50%     | ●        |
| Br  nsle (aromatfritt)  | â€”     | ●        |
| Butanol, vattenl.       | any     | ●        |
| Butylacetat             | â€”     | ●        |
| Cider                   | â€”     | ●        |
| Citronsyra              | 10%     | ●        |
| Citrusfruktjuicer       | â€”     | ●        |
| Cyklohexan              | â€”     | ●        |
| Cyklohexanol            | â€”     | ●        |
| Cyklohexanon            | â€”     | ●        |
| Cyklohexanon            | 100%    | ●        |
| Cyklohexen              | 100%    | ●        |
| Dibutyleter             | â€”     | ●        |
| Dibutylftalat           | â€”     | ●        |
| Diesel                  | â€”     | ●        |
| Diesel                  | â€”     | ●        |
| Dietylenoxid            | â€”     | ●        |
| Diglykolsyra, vattenl.  | 30%     | ●        |
| Diklorethan             | â€”     | ●        |
| Diklor  ttiksyra        | â€”     | ●        |
| Dimetylamin             | â€”     | ●        |
| Dimetylformamid (DMF)   | â€”     | ●        |
| Dioxan                  | â€”     | ●        |
| Eddik (standard)        | 5-10%   | ●        |
| Eteriske oljer          | â€”     | ●        |
| Etylacetat              | 100%    | ●        |

| Kemikalie                   | Konc.       | Resultat |
|-----------------------------|-------------|----------|
| Etylacetat                  | â€”         | ●        |
| Etylalkohol (etanol)        | 96%         | ●        |
| Etylenalkohol               | 96%         | ●        |
| Etylendiamin                | â€”         | ●        |
| Etylenglykol                | â€”         | ●        |
| Etylenklorid                | 100%        | ●        |
| Etylenklorid                | â€”         | ●        |
| Fenol                       | â€”         | ●        |
| Fenol (vattenl.)            | â%`9%       | ●        |
| Flussyre                    | 40%         | ●        |
| Formaldehyd (vattenl.)      | 40%         | ●        |
| Formaldehyd, vattenl.       | â%□40%      | ●        |
| Fosforsyra                  | 50%         | ●        |
| Fosforsyra, vattenl.        | 80% L 95%   | ●        |
| Fosforsyra, vattenl.        | 50%         | ●        |
| Fosfortriklorid             | â€”         | ●        |
| Fotografisk emulsjon        | as supplied | ●        |
| Fotografisk fikseringsbad   | as supplied | ●        |
| Fotografisk fremkaller      | â€”         | ●        |
| Frigen 12 (Freon 12)        | 100%        | ●        |
| FrostvÃjske                | â€”         | ●        |
| Fruktjuicer                 | any         | ●        |
| Ftalsyra, vattenl.          | 50%         | ●        |
| Furfuol                     | â€”         | ●        |
| Fyringsolje                 | â€”         | ●        |
| Fyringsolje                 | â€”         | ●        |
| Garvsyra (tannin), vattenl. | 10%         | ●        |
| Glycerin                    | 100%        | ●        |
| Glycerin, vattenl.          | any         | ●        |
| Glykol                      | 100%        | ●        |
| Glykol, vattenl.            | as supplied | ●        |
| Glysantin                   | â€”         | ●        |
| Heptan                      | â€”         | ●        |
| Heptan                      | 100%        | ●        |
| Hexan                       | â€”         | ●        |

| Kemikalie                              | Konc.             | Resultat |
|----------------------------------------|-------------------|----------|
| Honning                                | â€”               | ●        |
| Hydrogenperoxid                        | 10%               | ●        |
| Isooktan                               | â€”               | ●        |
| Isopropanol                            | â€”               | ●        |
| Isopropylalkohol                       | 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)nitrat, vattenl. m  ttad     | â€”               | ●        |
| J  rn(III)sulfat, vattenl. m  ttad     | â€”               | ●        |
| J  rn(III)sulfat, vattenl. m  ttad     | â€”               | ●        |
| Kalciumhypoklorit, vattenl. suspension | any               | ●        |
| Kalciumklorid                          | â€”               | ●        |
| Kaliumhydroxidl sning                  | 50%               | ●        |
| Kamfer                                 | â€”               | ●        |
| Kaustik soda (NaOH)                    | any               | ●        |
| Klor (gas)                             | 100%              | ●        |
| Klor, flytande                         | â€”               | ●        |
| Klorbensen                             | 100%              | ●        |
| Klorbensen                             | â€”               | ●        |
| Kloroform                              | â€”               | ●        |
| Kloroform                              | technically grade | ●        |
| Klor  ttiksyra, vattenl.               |    85%            | ●        |
| Kokosolje                              | â€”               | ●        |
| Koldisulfid                            | 100%              | ●        |
| Koldisulfid                            | â€”               | ●        |
| Koltetraklorid                         | â€”               | ●        |
| Kresol                                 | 100%              | ●        |
| Kresol                                 | â€”               | ●        |
| Kromsyra-svavelsyra                    | â€”               | ●        |

| Kemikalie                          | Konc.                      | Resultat |
|------------------------------------|----------------------------|----------|
| Kungsvatten                        | â€”                        | ●        |
| Kvicksilver                        | â€”                        | ●        |
| Linolje                            | â€”                        | ●        |
| Linolje                            | technically grade          | ●        |
| Litiumbromid                       | â€”                        | ●        |
| Maleinsyra, vattenl.               | any                        | ●        |
| Matolje                            | â€”                        | ●        |
| Maursyre                           | 10%                        | ●        |
| Melasse                            | â€”                        | ●        |
| Melk                               | â€”                        | ●        |
| Melk                               | â€”                        | ●        |
| Mentol                             | â€”                        | ●        |
| Merkurokrom                        | â€”                        | ●        |
| Metanol                            | technically grade          | ●        |
| Metylalkohol (metanol)             | 100%                       | ●        |
| Metylenklorid                      | 100%                       | ●        |
| Metyletylketon (MEK)               | technically grade          | ●        |
| Metyletylketon (MEK)               | 100%                       | ●        |
| Metylklorid                        | gaseous, technically grade | ●        |
| Mineralolje (aromatfri)            | â€”                        | ●        |
| Motorolja (tung) utan tillsatser   | â€”                        | ●        |
| Myrsyra, vattenl.                  | 85%                        | ●        |
| Nafta                              | â€”                        | ●        |
| Naftalen                           | â€”                        | ●        |
| Natriumborat (borax)               | â€”                        | ●        |
| Natriumbromid                      | â€”                        | ●        |
| Natriumhydroxid, fast              | â€”                        | ●        |
| Natriumhydroxid, vattenl.          | any                        | ●        |
| Natriumhydroxidl sning (natronlut) | 15%                        | ●        |
| Natriumkarbonat (vattenl.)         | â€”                        | ●        |
| Natriumklorid (vattenl.)           | â€”                        | ●        |
| Natriumnitrat (vattenl.)           | â€”                        | ●        |
| Natriumtiosulfat                   | â€”                        | ●        |
| Natriumv tesulfit                  | â€”                        | ●        |
| Natronlut (60%)                    | 60%                        | ●        |

| Kemikalie                         | Konc.             | Resultat |
|-----------------------------------|-------------------|----------|
| Nitrobensen                       | â€”               | ●        |
| Nitrobensen                       | â€”               | ●        |
| Oksygen                           | â€”               | ●        |
| Oleum (rykande svavelsyra)        | any               | ●        |
| Oljer, vegetabiliske og animalske | â€”               | ●        |
| Oljesyra                          | â€”               | ●        |
| Oppvaskmiddel                     | usual             | ●        |
| Oppvaskmiddel                     | â€”               | ●        |
| Oxalsyra                          | â€”               | ●        |
| Oxalsyra, vattenl.                | any               | ●        |
| Ozon                              | 50 ppm            | ●        |
| Ozon (gas)                        | â‰¤0.5 ppm        | ●        |
| Paraffinolja                      | 100%              | ●        |
| Parafin                           | â€”               | ●        |
| Perkloretylen                     | â€”               | ●        |
| Perklorsyra, vattenl.             | 70%               | ●        |
| Perklorsyra, vattenl.             | 50%               | ●        |
| Perklorsyra, vattenl.             | 20%               | ●        |
| Petroleum                         | â€”               | ●        |
| Petroleumeter                     | 100%              | ●        |
| Petroleumeter                     | â€”               | ●        |
| Polyesterhartser                  | â€”               | ●        |
| Propionsyra, vattenl.             | any               | ●        |
| Propylalkohol                     | â€”               | ●        |
| Pyridin                           | â€”               | ●        |
| Pyridin                           | â€”               | ●        |
| Salpetersyra                      | 10%               | ●        |
| Salpetersyra (50%)                | 50%               | ●        |
| Salpetersyra, vattenl.            | 50%               | ●        |
| Salpetersyra, vattenl.            | 25%               | ●        |
| Saltsyra                          | 10%               | ●        |
| Saltsyra (konc.)                  | concentrated      | ●        |
| Saltsyra, vattenl.                | any               | ●        |
| Silikonolje                       | technically grade | ●        |
| Silikonolje                       | â€”               | ●        |

| Kemikalie                      | Konc.             | Resultat |
|--------------------------------|-------------------|----------|
| Sj vann                        | â€”               | ●        |
| Sm r                           | â€”               | ●        |
| Stearinsyra                    | â€”               | ●        |
| Sukkersirup                    | â€”               | ●        |
| Svavelsyra                     | 96%               | ●        |
| Svavelsyra, vattenl.           | â‰¤50%            | ●        |
| Svavelsyra, vattenl.           | 70%               | ●        |
| Svavelsyra, vattenl.           | 80%               | ●        |
| Svavelsyra, vattenl.           | 98%               | ●        |
| Syltet y                       | â€”               | ●        |
| Talg                           | technically grade | ●        |
| Tenn(II)klorid, vattenl.       | any               | ●        |
| Tenn(IV)klorid, vattenl.       | saturated         | ●        |
| Terpentinolje                  | technically grade | ●        |
| Tetrahydrofuran (THF)          | 100%              | ●        |
| Tetrahydrofuran (THF)          | technically grade | ●        |
| Tiofen                         | â€”               | ●        |
| Tionylklorid                   | â€”               | ●        |
| Toluen                         | 100%              | ●        |
| Toluen                         | technically grade | ●        |
| Torskeleverije                 | â€”               | ●        |
| Transformatorolja (isolerolja) | technically grade | ●        |
| Transformatorlje               | â€”               | ●        |
| Trietanolamin                  | â€”               | ●        |
| Trikloreten                    | 100%              | ●        |
| Trikloreten                    | technically grade | ●        |
| Triklor ttiksyras ra           | technically grade | ●        |
| Urea, vattenl.                 | â‰¤33%            | ●        |
| Vann                           | â€”               | ●        |
| Vann, destillert               | â€”               | ●        |
| Vasel n                        | technically grade | ●        |
| Vin                            | â€”               | ●        |
| V tesulfid (vattenl.)          | â€”               | ●        |
| Xylen                          | â€”               | ●        |

| Kemikalie            |      | Konc. | Resultat |
|----------------------|------|-------|----------|
| Xylen                | â€”  |       | ●        |
| Zinkslam             | â€”  |       | ●        |
| Ä„ttiksyra           | 100% |       | ●        |
| Ä„ttiksyra           | 100% |       | ●        |
| Ä„ttiksyra, vattenl. | 70%  |       | ●        |
| Ä„ttiksyraanhydrid   | â€”  |       | ●        |
| Ä~l                  | â€”  |       | ●        |