



# PE Ultra HD Ast 2000x1000x4 mm svart

Artikelnr P1400170

## 1. Tekniskt datablad

| Egenskap                             | Värde | Enhet     | Standard          |
|--------------------------------------|-------|-----------|-------------------|
| Tetthet                              | 3     | g/cm³     | DIN EN ISO 1183-1 |
| Streckgren                           | 20    | MPa       | DIN EN ISO 527    |
| Elastisitetsmodul (trek)             | 650   | MPa       | DIN EN ISO 527    |
| Brottsdeformasjon                    | 50    | %         | DIN EN ISO 527    |
| Smeltepunkt                          | 133   | °C        | ISO 11357-3       |
| Maksimal drifttemperatur (kortvarig) | 130   | °C        |                   |
| Maksimal drifttemperatur             | 80    | °C        |                   |
| Minstemperatur                       | -200  | °C        |                   |
| VolumResistivitet                    | 10¹   | Ω         | DIN EN 62631-3-1  |
| Brannklasse (UL 94)                  | 3     |           | UL 94             |
| Termisk konduktivitet                | 0.4   | W/(m·K)   | DIN 52612         |
| Overflatemotstand                    | 10¹   | Ω         | DIN EN 62631-3-2  |
| Fuktabsorpsjon til metning           | 0.01  | %         |                   |
| Vannabsorpsjon til metning           | 0.01  | %         |                   |
| Skår (Charpy)                        | 2     | kJ/m²     | DIN EN ISO 179    |
| Slagsegghet (Charpy)                 | 2     | kJ/m²     | DIN EN ISO 179    |
| Termisk utvidelseskoeffisient        | 1.75  | 10⁻⁵/K    | DIN 53 752        |
| Hardhet Shore D                      | 60    | ° Shore D | DIN EN ISO 868    |
| Kuletrykkshardhet                    | 34    | 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€    |          |

| Kemikalie                         | Konc.             | Resultat |
|-----------------------------------|-------------------|----------|
| Acetic Acid                       | 100%              | ●        |
| 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. 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%              | ●        |
| Brake Fluid                       | â€”               | ●        |
| Brom, flytande                    | 100%              | ●        |

| Kemikalie              | Konc.   | Resultat |
|------------------------|---------|----------|
| Bromvätesyra, vattenl. | 50%     | ●        |
| Brönsle (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%     | ●        |
| Dikloretan             | â€”     | ●        |
| Diklorättiksyra        | â€”     | ●        |
| Dimethyl formamide     | â€”     | ●        |
| Dimetylamin            | â€”     | ●        |
| Dioxan                 | â€”     | ●        |
| Eddik (standard)       | 5-10%   | ●        |
| Ethanol                | 10%     | ●        |
| Ethanol                | 10%     | ●        |
| Ethanol                | 10%     | ●        |
| Ethanol                | 10% v/v | ●        |

| Kemikalie                                | Konc.       | Resultat |
|------------------------------------------|-------------|----------|
| Ethyl Acetate                            | 100%        | ●        |
| Ethyl Alcohol                            | 96%         | ●        |
| Ethylene Chloride                        | 100%        | ●        |
| Etylacetat                               | â€”         | ●        |
| Etylenalkohol                            | 96%         | ●        |
| Etylendiamin                             | â€”         | ●        |
| Etylenglykol                             | â€”         | ●        |
| Etylenklorid                             | â€”         | ●        |
| Fenol                                    | â€”         | ●        |
| Fenol (vattenl.)                         | â‰ˆ 9%      | ●        |
| Ferrous (III) nitrate, aqueous saturated | â€”         | ●        |
| Ferrous (III) sulfate, aqueous saturated | â€”         | ●        |
| Food Oil                                 | â€”         | ●        |
| Formaldehyd (vattenl.)                   | 40%         | ●        |
| Formaldehyd, vattenl.                    | â‰ˆ 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€”         | ●        |
| Heptan                                   | â€”         | ●        |
| Heptan                                   | 100%        | ●        |
| Hexan                                    | â€”         | ●        |

| Kemikalie                              | Konc.             | Resultat |
|----------------------------------------|-------------------|----------|
| 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                             | 100%              | ●        |
| Klorbensen                             | â€”               | ●        |
| Kloroform                              | â€”               | ●        |
| Kloroform                              | technically grade | ●        |
| Klor  ttiksyra, vattenl.               |    85%            | ●        |
| Kokosolje                              | â€”               | ●        |
| Koldisulfid                            | â€”               | ●        |
| Kresol                                 | 100%              | ●        |
| Kresol                                 | â€”               | ●        |
| Kromsyra-svavelsyra                    | â€”               | ●        |
| Kungsvatten                            | â€”               | ●        |
| Kvicksilver                            | â€”               | ●        |
| Linolje                                | technically grade | ●        |

| Kemikalie                                    | Konc.                      | Resultat |
|----------------------------------------------|----------------------------|----------|
| 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€™                        | ●        |
| Olive oil                                    | â€™                        | ●        |
| Olive oil                                    | â€™                        | ●        |
| Olive oil                                    | â€™                        | ●        |

| Kemikalie                        | Konc.             | Resultat |
|----------------------------------|-------------------|----------|
| 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.            | 70%               | ●        |
| Perklorsyra, vattenl.            | 50%               | ●        |
| Perklorsyra, vattenl.            | 20%               | ●        |
| 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               | ●        |
| Silicon dioxide                  | â€”               | ●        |
| Silicon dioxide                  | â€”               | ●        |
| Silicone Oil                     | â€”               | ●        |
| Silikonolje                      | technically grade | ●        |

| Kemikalie                      | Konc.             | Resultat |
|--------------------------------|-------------------|----------|
| Sj  vann                       |                   |          |
| Sm  r                          |                   |          |
| 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.           | 70%               |          |
| Svavelsyra, vattenl.           | 80%               |          |
| Svavelsyra, vattenl.           | 98%               |          |
| Syltet  y                      |                   |          |
| Talg                           | technically grade |          |
| Tenn(II)klorid, vattenl.       | any               |          |
| Tenn(IV)klorid, vattenl.       | saturated         |          |
| Terpentinolje                  | technically grade |          |
| Tetrahydrofuran                | technically grade |          |
| Tetrahydrofuran (THF)          | 100%              |          |
| Tiofen                         |                   |          |
| Tionylklorid                   |                   |          |
| Titanium dioxide               |                   |          |
| Titanium dioxide               |                   |          |
| Toluen                         | 100%              |          |
| Toluen                         | technically grade |          |
| Torskeleverije                 |                   |          |
| Transformatorolja (isolerolja) | technically grade |          |
| Transformer Oil                |                   |          |
| Trichloracetic acid            | technically grade |          |

| Kemikalie            | Konc.             | Resultat |
|----------------------|-------------------|----------|
| 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€”               | ●        |
| Ã“l                  | â€”               | ●        |