



# PP-H AlphaPlus 120x2000 mm harmaa

Artikelnr P2201150

## 1. Tekniskt datablad

| Egenskap                                      | Värde              | Enhet             | Standard         |
|-----------------------------------------------|--------------------|-------------------|------------------|
| Tiheys                                        | 0.91               | g/cm <sup>3</sup> | ISO 1183         |
| Venymisrajan jännitys                         | 36                 | MPa               | ISO 527          |
| Joustavuusmoduli (vetolujuus)                 | 1700               | MPa               | ISO 527-2        |
| Murtolujuus                                   | 30                 | MPa               | ISO 527          |
| Murtovenymä                                   | 8                  | %                 | ISO 527-2        |
| Sulamispiste                                  | 161                | °C                | DIN EN ISO 11357 |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 127                | °C                | UL746B           |
| Maksimi käyttölämpötila                       | 80                 | °C                |                  |
| Alin lämpötila                                | -7                 | °C                |                  |
| Lämpötilaköyry (HDT/A)                        | 54                 | °C                | ISO 75           |
| Lämpötilaköyry (HDT/B)                        | 90                 | °C                | ISO 75           |
| Vicat-pehmenemislämpötila (VST/B/50)          | 50                 | °C                | ISO 306          |
| Dielektrinen voimakkuus                       | 40                 | kV/mm             | IEC 60243-1      |
| Tilavuusresistanssi                           | 10 <sup>11</sup> Ω | Ω                 | DIN EN 62631-3-1 |
| Dielektrinen vakio (1 MHz)                    | 2.4                | -                 | IEC 60250        |
| Dielektrinen hajoamiskerroin (1 MHz)          | 13.4               | -                 | IEC 60250        |
| Dielektrinen hajoamiskerroin (100 Hz)         | 0.0                | -                 | IEC 60250        |
| Paloaluokitus (UL 94)                         | 60695              |                   | UL 94            |
| Taivutuslujuus                                | 37                 | MPa               | DIN EN ISO 527-2 |
| Lämpöjohtavuus                                | 0.27               | W/(m·K)           | ISO 22007-4      |
| Pintaresistanssi                              | 10 <sup>11</sup> Ω | Ω                 | IEC 60093        |
| Vertailukulkemisindeksi (CTI)                 | 600                | V                 | IEC 60112        |
| Imeytymisen maksimointi                       | 0.2                | %                 | ISO 62           |
| Vesihaku kyllästymiseen                       | 0.2                | %                 | ISO 62           |
| Särkyäkesto (Charpy)                          | 9                  | kJ/m <sup>2</sup> | ISO 179/1eA      |
| Iskunkestävyys (Charpy)                       | 7.7                | kJ/m <sup>2</sup> | ISO 179          |

| Egenskap               | V rde | Enhet      | Standard    |
|------------------------|-------|------------|-------------|
| L mp laajenemiskerroin | 1.6   | 10  /K     | ISO 11359-2 |
| Kovuus Shore D         | 72    |    Shore D | ISO 868     |
| Kulmapaineen kovuus    | 110   | MPa        | ISO 2039    |

## 2. Kemisk best ndighet

● Best ndig ● Delvis best ndig ● Ej best ndig

| Kemikalie                             | Konc. | Resultat |
|---------------------------------------|-------|----------|
| 1,4-Dioxane                           | 100   | ●        |
| 2-Hydroxypropionic acid (lactic acid) | 90    | ●        |
| Acetic acid                           | 100   | ●        |
| Acetone                               | 100   | ●        |
| Ammonia                               |       | ●        |
| Ammonium chloride                     |       | ●        |
| Amyl alcohol                          |       | ●        |
| Benzene                               |       | ●        |
| Bleaching solution                    |       | ●        |
| Boric acid                            | 100   | ●        |
| Brake fluid                           |       | ●        |
| Butyl acetate                         |       | ●        |
| Calcium chloride                      |       | ●        |
| Carbon disulphide                     | 100   | ●        |
| Carbon tetrachloride                  |       | ●        |
| Chlorine (gas)                        | 100   | ●        |
| Chlorobenzene                         | 100   | ●        |
| Chloroform                            |       | ●        |
| Citric acid                           | 10    | ●        |
| Cresol                                |       | ●        |
| Cyclohexanone                         | 100   | ●        |
| Cyclohexene                           | 100   | ●        |
| Diesel                                |       | ●        |
| Diethylene oxide                      |       | ●        |
| Ethyl acetate                         | 100   | ●        |
| Ethyl alcohol (ethanol)               | 96    | ●        |
| Ethylene chloride                     | 100   | ●        |

| Kemikalie                        | Konc.       | Resultat |
|----------------------------------|-------------|----------|
| Food oil                         | â€™         | ●        |
| Formaldehyde, aqueous            | 40          | ●        |
| Formic acid                      | 10          | ●        |
| Frost protection agent           | â€™         | ●        |
| Fuel oil                         | â€™         | ●        |
| Fuel, aromatic free              | â€™         | ●        |
| Glycerine                        | 100         | ●        |
| Glycol                           | 100         | ●        |
| Heptane                          | 100         | ●        |
| Hydrochloric acid                | 10          | ●        |
| Hydrochloric acid (concentrated) | â€™         | ●        |
| Hydrofluoric acid                | 40          | ●        |
| Hydrogen peroxide                | 10          | ●        |
| Hydrogen sulfide, aqueous        | â€™         | ●        |
| Isopropyl alcohol                | 100         | ●        |
| Linseed oil                      | â€™         | ●        |
| Mercurochrome                    | â€™         | ●        |
| Methyl alcohol (methanol)        | 100         | ●        |
| Methyl ethyl ketone (MEK)        | 100         | ●        |
| Methylene chloride               | 100         | ●        |
| Milk                             | â€™         | ●        |
| Mineral oils (aromatic free)     | â€™         | ●        |
| Nitric acid                      | 50          | ●        |
| Nitric acid                      | 10          | ●        |
| Nitrobenzene                     | â€™         | ●        |
| Oxalic acid                      | â€™         | ●        |
| Ozone (gas)                      | â‰‰ 0.5 ppm | ●        |
| Paraffin oil                     | 100         | ●        |
| Perchloroethylene                | â€™         | ●        |
| Petroleum ether                  | 100         | ●        |
| Phenol, aqueous                  | ca. 9       | ●        |
| Phosphoric acid                  | 50          | ●        |
| Potassium hydroxide solution     | 50          | ●        |
| Premium fuel                     | â€™         | ●        |
| Propyl alcohol                   | â€™         | ●        |

| Kemikalie                                | Konc.  | Resultat |
|------------------------------------------|--------|----------|
| Pyridine                                 | â€”    | ●        |
| Silicone oil                             | â€”    | ●        |
| Sodium carbonate, aqueous                | â€”    | ●        |
| Sodium chloride, aqueous                 | â€”    | ●        |
| Sodium hydrogen sulfite                  | â€”    | ●        |
| Sodium hydroxide solution (caustic soda) | 60     | ●        |
| Sodium hydroxide solution (caustic soda) | 15     | ●        |
| Sodium nitrate, aqueous                  | â€”    | ●        |
| Sodium thiosulfate                       | â€”    | ●        |
| Sulphuric acid                           | 96     | ●        |
| Tetrahydrofuran (THF)                    | 100    | ●        |
| Toluene                                  | 100    | ●        |
| Transformer oil                          | â€”    | ●        |
| Trichloroethylene                        | 100    | ●        |
| Vinegar, standard                        | 5 - 10 | ●        |
| Water                                    | â€”    | ●        |
| Xylene                                   | â€”    | ●        |