



## PC GF30 3000x610x20 mm luonnollinen

Tuotenro P1002936

## 1. Tekninen tietolomake

| Ominaisuus                                    | Arvo             | Yksikkö             | Testausstandardi |
|-----------------------------------------------|------------------|---------------------|------------------|
| Tiheys                                        | 1.2              | g/cm <sup>3</sup>   | ISO 1183         |
| Imeytymisen maksimointi                       | 0.15             | %                   | ISO 62           |
| Vesihaku kyllästymiseen                       | 0.35             | %                   | ISO 62           |
| Venymisrajan jännitys                         | 75               | MPa                 | ISO 527          |
| Joustavuusmoduli (vetolujuus)                 | 2400             | MPa                 | ISO 527-2        |
| Murtolujuus                                   | 60               | MPa                 |                  |
| Murtovenymä                                   | 50               | %                   | ISO 527-2        |
| Taivutuslujuus                                | 2400             | MPa                 | ISO 178          |
| Särkyäkesto (Charpy)                          | 9                | kJ/m <sup>2</sup>   | ISO 179/1eA      |
| Kovuus Shore D                                | 85               | ° Shore D           | ISO 868          |
| Kulmapaineen kovuus                           | 120              | MPa                 | ISO 2039-1       |
| Sulamispiste                                  | 160              | °C                  | ISO 3146         |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 119              | °C                  | UL746B           |
| Maksimi käyttölämpötila                       | 113.75           | °C                  |                  |
| Alin lämpötila                                | -54              | °C                  | UL746B           |
| Lämpökäyrä (HDT/A)                            | 130              | °C                  | ISO 75-2         |
| Lämpökäyrä (HDT/B)                            | 140              | °C                  | ISO 75           |
| Vicat-pehmenemislämpötila (VST/B/50)          | 150              | °C                  | ISO 306          |
| Lämmönjohtavuus                               | 0.21             | W/(m·K)             | DIN 52612        |
| Lämpölaajenemiskerroin                        | 0.65             | 10 <sup>-4</sup> /K | DIN 11359        |
| Dielektrinen voimakkuus                       | 29               | kV/mm               | IEC 60243-1      |
| Tilavuusresistanssi                           | 10 <sup>13</sup> | Ω·cm                | IEC 60093        |
| Dielektrinen vakio (1 MHz)                    | 2.98             | -                   | IEC 60250        |
| Dielektrinen vakio (100 Hz)                   | 3                | -                   | IEC 60250        |
| Dielektrinen hajoamiskerroin (1 MHz)          | 0.0              | -                   | IEC 60250        |



| Kemikaali                        | Pitoisuus | Kestäv.     |
|----------------------------------|-----------|-------------|
| Ethyl alcohol (ethanol)          | 96%       | <div></div> |
| Ethylene chloride                | 100%      | <div></div> |
| Food oil                         | —         | <div></div> |
| Formaldehyde, aqueous            | 40%       | <div></div> |
| Formic acid                      | 10%       | <div></div> |
| Frost protection agent           | —         | <div></div> |
| Fuel oil                         | —         | <div></div> |
| Fuel, aromatic free              | —         | <div></div> |
| Glycerine                        | 100%      | <div></div> |
| Glycol                           | 100%      | <div></div> |
| Heptane                          | 100%      | <div></div> |
| Hydrochloric acid                | 10%       | <div></div> |
| Hydrochloric acid (concentrated) | conc.     | <div></div> |
| Hydrofluoric acid                | 40%       | <div></div> |
| Hydrogen peroxide                | 10%       | <div></div> |
| Hydrogen sulfide, aqueous        | —         | <div></div> |
| Isopropyl alcohol                | 100%      | <div></div> |
| Linseed oil                      | —         | <div></div> |
| Mercurochrome                    | —         | <div></div> |
| Methyl alcohol (methanol)        | 100%      | <div></div> |
| Methyl ethyl ketone (MEK)        | 100%      | <div></div> |
| Methylene chloride               | 100%      | <div></div> |
| Milk                             | —         | <div></div> |
| Nitric acid (10%)                | 10%       | <div></div> |
| Nitric acid (50%)                | 50%       | <div></div> |
| Nitrobenzene                     | —         | <div></div> |
| Oxalic acid                      | —         | <div></div> |
| Ozone (gas)                      | ≤ 0.5 ppm | <div></div> |
| Paraffin oil                     | 100%      | <div></div> |
| Perchloroethylene                | —         | <div></div> |
| Petroleum                        | 100%      | <div></div> |
| Petroleum ether                  | 100%      | <div></div> |

# Plastshop

| Kemikaali                       | Pitoisuus | Kestäv.                                                                               |
|---------------------------------|-----------|---------------------------------------------------------------------------------------|
| Phenol, aqueous                 | ca. 9%    |    |
| Phosphoric acid                 | 50%       |    |
| Potassium hydroxide solution    | 50%       |    |
| Premium fuel                    | —         |    |
| Propyl alcohol                  | —         |    |
| Pyridine                        | —         |    |
| Silicone oil                    | —         |    |
| Sodium carbonate, aqueous       | —         |    |
| Sodium chloride, aqueous        | —         |    |
| Sodium hydrogen sulfite         | —         |    |
| Sodium hydroxide solution (15%) | 15%       |    |
| Sodium hydroxide solution (60%) | 60%       |    |
| Sodium nitrate, aqueous         | —         |  |
| Sulphuric acid                  | 96%       |  |
| Tetrahydrofuran (THF)           | 100%      |  |
| Toluene                         | 100%      |  |
| Trichloroethylene               | 100%      |  |
| Vinegar, standard               | 5-10%     |  |
| Water                           | —         |  |
| Xylene                          | —         |  |