



# PA6 GF30 70x3000 mm svart

Artikelnr P1001450

## 1. Tekniskt datablad

| Egenskap                             | Värde     | Enhet   | Standard    |
|--------------------------------------|-----------|---------|-------------|
| Tetthet                              | 1.34      | g/cm³   | ISO 1183    |
| Elastisitetsmodul (trek)             | 8700      | MPa     | ISO 527-2   |
| Smeltepunkt                          | 220       | Å°C     | ISO 3146    |
| Maksimal drifttemperatur (kortvarig) | 180       | Å°C     |             |
| Maksimal driftstemperatur            | 100       | Å°C     |             |
| Minstemperatur                       | -20       | Å°C     |             |
| Varme-forvringning (HDT/A)           | 210       | Å°C     | ISO 75-2    |
| VolumResistivitet                    | 10¹¹ Ω·cm | Ω·cm    | IEC 60093   |
| BÄrhÄllfasthet                       | 120       | MPa     | ISO 527-2   |
| Termisk konduktivitet                | 0.28      | W/(m·K) | DIN 52612   |
| Overflatemotstand                    | 10¹¹ Ω    | Ω       | IEC 60093   |
| Fuktabsorpsjon til metning           | 2.1       | %       | ISO 62      |
| Vannabsorpsjon til metning           | 6.6       | %       | ISO 62      |
| SkÄret slagfasthet (Charpy)          | 5         | kJ/m²   | ISO 179/1eA |
| Slagsegghet (Charpy)                 | 50        | kJ/m²   | ISO 179/1eU |
| Termisk utvidelseskoeffisient        | 0.26      | 10⁻⁵ /K | DIN 11359   |
| Kuletrykkshardhet                    | 43        | MPa     | ISO 2039-1  |

## 2. Kemisk bestÄndighet

BestÄndig Delvis bestÄndig Ej bestÄndig

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| 1,4-Dioxan              | 100   |          |
| 2-Hydroxypropionic Acid | 90    |          |
| Acetic Acid             | 100   |          |
| Aceton                  | 100   |          |
| Ammoniak                | conc. |          |

| Kemikalie                        | Konc.   | Resultat |
|----------------------------------|---------|----------|
| Ammonium Chloride                | â€”     | ●        |
| Amyl Alcohol                     | â€”     | ●        |
| Apple Juice                      | â€”     | ●        |
| Bensen                           | â€”     | ●        |
| Bleaching Solution               | 12.5 cl | ●        |
| Boric Acid                       | 100     | ●        |
| Brake Fluid                      | â€”     | ●        |
| Br nsle (aromatfritt)            | â€”     | ●        |
| Butyl Acetate                    | â€”     | ●        |
| Calcium Chloride                 | â€”     | ●        |
| Carbon Disulfide                 | 100     | ●        |
| Carbon Tetrachloride             | â€”     | ●        |
| Citric Acid                      | 10      | ●        |
| Cyklohexanon                     | 100     | ●        |
| Cyklohexen                       | 100     | ●        |
| Diesel Fuel                      | â€”     | ●        |
| Diethylene Oxide                 | â€”     | ●        |
| Eddik (standard)                 | 5 - 10  | ●        |
| Ethyl Acetate                    | 100     | ●        |
| Ethyl Alcohol                    | 96      | ●        |
| Ethylene Chloride                | 100     | ●        |
| Fenol (vattenl.)                 | ca. 9   | ●        |
| Food Oil                         | â€”     | ●        |
| Formaldehyd (vattenl.)           | 40      | ●        |
| Formic Acid                      | 10      | ●        |
| Frost Protection Agent           | â€”     | ●        |
| Glycerin                         | 100     | ●        |
| Glykol                           | 100     | ●        |
| Heating Oil                      | â€”     | ●        |
| Heptan                           | 100     | ●        |
| Hydrochloric Acid                | 10      | ●        |
| Hydrochloric Acid (concentrated) | conc.   | ●        |
| Hydrofluoric Acid                | 40      | ●        |
| Hydrogen Peroxide                | 10      | ●        |
| Hydrogen Sulfide (aqueous)       | â€”     | ●        |

| Kemikalie                    | Konc.       | Resultat    |
|------------------------------|-------------|-------------|
| Isopropyl Alcohol            | 100         | <div></div> |
| Klor (gas)                   | 100         | <div></div> |
| Klorbensen                   | 100         | <div></div> |
| Kloroform                    | â€”         | <div></div> |
| Kresol                       | â€”         | <div></div> |
| Linseed Oil                  | â€”         | <div></div> |
| Melk                         | â€”         | <div></div> |
| Merkurokrom                  | â€”         | <div></div> |
| Methyl Alcohol               | 100         | <div></div> |
| Methyl Ethyl Ketone (MEK)    | 100         | <div></div> |
| Methylene Chloride           | 100         | <div></div> |
| Mineral Oils (aromatic free) | â€”         | <div></div> |
| Nitric Acid                  | 10          | <div></div> |
| Nitric Acid                  | 50          | <div></div> |
| Nitrobensen                  | â€”         | <div></div> |
| Oxalic Acid                  | â€”         | <div></div> |
| Ozone Gas                    | â‰‰ 0.5 ppm | <div></div> |
| Paraffine Oil                | 100         | <div></div> |
| Perkloretylen                | â€”         | <div></div> |
| Petroleum                    | 100         | <div></div> |
| Petroleum Ether              | 100         | <div></div> |
| Phosphoric Acid              | 50          | <div></div> |
| Potassium Hydroxide liquor   | 50          | <div></div> |
| Premium Fuel                 | â€”         | <div></div> |
| Propyl Alcohol               | â€”         | <div></div> |
| Pyridin                      | â€”         | <div></div> |
| Silicone Oil                 | â€”         | <div></div> |
| Sodium Carbonate (aqueous)   | â€”         | <div></div> |
| Sodium Chloride (aqueous)    | â€”         | <div></div> |
| Sodium Hydrogen Sulfite      | â€”         | <div></div> |
| Sodium Hydroxide liquor      | 15          | <div></div> |
| Sodium Hydroxide liquor      | 60          | <div></div> |
| Sodium Nitrate (aqueous)     | â€”         | <div></div> |
| Sodium Thiosulfate           | â€”         | <div></div> |
| Sulfuric Acid                | 96          | <div></div> |

| Kemikalie             | Konc. | Resultat    |
|-----------------------|-------|-------------|
| Tetrahydrofuran (THF) | 100   | <div></div> |
| Toluen                | 100   | <div></div> |
| Transformer Oil       | â€    | <div></div> |
| Trikloreten           | 100   | <div></div> |
| Vann                  | â€    | <div></div> |
| Xylen                 | â€    | <div></div> |