



# Rundstång i PA6 GL 320x1000 mm grått

Artikelnr P1600298

## 1. Tekniskt datablad

| Egenskap                           | Värde   | Enhet     | Standard          |
|------------------------------------|---------|-----------|-------------------|
| Densitet                           | 1.1     | g/cm³     | DIN EN ISO 1183-1 |
| Sträckgränspänning                 | 67.5    | MPa       | DIN EN ISO 527    |
| Elasticitetsmodul (drag)           | 3000    | MPa       | DIN EN ISO 527    |
| Brottåtgång                        | 198.5   | %         | DIN EN ISO 527    |
| Smältpunkt                         | 218     | °C        | ISO 11357-3       |
| Maximal drifttemperatur (korttid)  | 162.5   | °C        |                   |
| Maximal drifttemperatur            | 109     | °C        |                   |
| Minsta temperatur                  | -40     | °C        |                   |
| Värmeåtvärngning (HDT/A)           | 90      | °C        | ISO 75            |
| Dielektrisk styrka                 | 20      | kV/mm     | IEC 60243         |
| Volymresistivitet                  | 10¹¹ µm | Ω·cm      | DIN EN 62631-3-1  |
| Dielektrisk konstant (1 MHz)       | 3.7     | -         | IEC 60250         |
| Dielektrisk förlustfaktor (100 Hz) | 0.02    | -         | IEC 60250         |
| Termisk konduktivitet              | 0.3     | W/(m·K)   | DIN 52612-1       |
| Ytresistivitet                     | 10¹¹ Ω  | Ω         | DIN EN 62631-3-2  |
| Jämförande krypsträmsindex (CTI)   | 600     | V         | IEC 60112         |
| Fuktabsorption till mättnad        | 5.65    | %         | DIN EN ISO 62     |
| Vattenabsorption till mättnad      | 5.65    | %         | DIN EN ISO 62     |
| Skårad slagseghet (Charpy)         | 13      | kJ/m²     | DIN EN ISO 179    |
| Termisk utvidgningskoefficient     | 0.7     | 10⁻⁵ /K   | DIN 53752         |
| Hårdhet Shore D                    | 81      | ° Shore D | ISO 868           |

## 2. Kemisk beständighet

Beständig    Delvis beständig    Ej beständig

| Kemikalie  | Konc. | Resultat |
|------------|-------|----------|
| 1,4-Dioxan | 100   |          |

| Kemikalie                        | Konc.   | Resultat    |
|----------------------------------|---------|-------------|
| 2-Hydroxypropionic Acid          | 90      | <div></div> |
| Acetic Acid                      | 100     | <div></div> |
| Aceton                           | 100     | <div></div> |
| Ammoniak                         | conc.   | <div></div> |
| Ammonium Chloride                | â€”     | <div></div> |
| Amyl Alcohol                     | â€”     | <div></div> |
| Apple Juice                      | â€”     | <div></div> |
| Bensen                           | â€”     | <div></div> |
| Bleaching Solution               | 12.5 cl | <div></div> |
| Boric Acid                       | 100     | <div></div> |
| Brake Fluid                      | â€”     | <div></div> |
| Br nsle (aromatfritt)            | â€”     | <div></div> |
| Butyl Acetate                    | â€”     | <div></div> |
| Calcium Chloride                 | â€”     | <div></div> |
| Carbon Disulfide                 | 100     | <div></div> |
| Carbon Tetrachloride             | â€”     | <div></div> |
| Citric Acid                      | 10      | <div></div> |
| Cyklohexanon                     | 100     | <div></div> |
| Cyklohexen                       | 100     | <div></div> |
| Diesel Fuel                      | â€”     | <div></div> |
| Diethylene Oxide                 | â€”     | <div></div> |
| Ethyl Acetate                    | 100     | <div></div> |
| Ethyl Alcohol                    | 96      | <div></div> |
| Ethylene Chloride                | 100     | <div></div> |
| Fenol (vattenl.)                 | ca. 9   | <div></div> |
| Food Oil                         | â€”     | <div></div> |
| Formaldehyd (vattenl.)           | 40      | <div></div> |
| Formic Acid                      | 10      | <div></div> |
| Frost Protection Agent           | â€”     | <div></div> |
| Glycerin                         | 100     | <div></div> |
| Glykol                           | 100     | <div></div> |
| Heating Oil                      | â€”     | <div></div> |
| Heptan                           | 100     | <div></div> |
| Hydrochloric Acid                | 10      | <div></div> |
| Hydrochloric Acid (concentrated) | conc.   | <div></div> |

| Kemikalie                    | Konc.       | Resultat |
|------------------------------|-------------|----------|
| Hydrofluoric Acid            | 40          | ●        |
| Hydrogen Peroxide            | 10          | ●        |
| Hydrogen Sulfide (aqueous)   | â€”         | ●        |
| Isopropyl Alcohol            | 100         | ●        |
| Klor (gas)                   | 100         | ●        |
| Klorbensen                   | 100         | ●        |
| Kloroform                    | â€”         | ●        |
| Kresol                       | â€”         | ●        |
| Linseed Oil                  | â€”         | ●        |
| Merkurokrom                  | â€”         | ●        |
| Methyl Alcohol               | 100         | ●        |
| Methyl Ethyl Ketone (MEK)    | 100         | ●        |
| Methylene Chloride           | 100         | ●        |
| Mineral Oils (aromatic free) | â€”         | ●        |
| Mj lk                        | â€”         | ●        |
| Nitric Acid                  | 10          | ●        |
| Nitric Acid                  | 50          | ●        |
| Nitrobensen                  | â€”         | ●        |
| Oxalic Acid                  | â€”         | ●        |
| Ozone Gas                    | â‰‰ 0.5 ppm | ●        |
| Paraffine Oil                | 100         | ●        |
| Perkloretylen                | â€”         | ●        |
| Petroleum                    | 100         | ●        |
| Petroleum Ether              | 100         | ●        |
| Phosphoric Acid              | 50          | ●        |
| Potassium Hydroxide liquor   | 50          | ●        |
| Premium Fuel                 | â€”         | ●        |
| Propyl Alcohol               | â€”         | ●        |
| Pyridin                      | â€”         | ●        |
| Silicone Oil                 | â€”         | ●        |
| Sodium Carbonate (aqueous)   | â€”         | ●        |
| Sodium Chloride (aqueous)    | â€”         | ●        |
| Sodium Hydrogen Sulfite      | â€”         | ●        |
| Sodium Hydroxide liquor      | 60          | ●        |

| Kemikalie                | Konc.  | Resultat    |
|--------------------------|--------|-------------|
| Sodium Hydroxide liquor  | 15     | <div></div> |
| Sodium Nitrate (aqueous) | â€”    | <div></div> |
| Sodium Thiosulfate       | â€”    | <div></div> |
| Sulfuric Acid            | 96     | <div></div> |
| Tetrahydrofuran (THF)    | 100    | <div></div> |
| Toluen                   | 100    | <div></div> |
| Transformer Oil          | â€”    | <div></div> |
| Trikloreten              | 100    | <div></div> |
| Vatten                   | â€”    | <div></div> |
| Xylen                    | â€”    | <div></div> |
| Ättika (standard)        | 5 - 10 | <div></div> |