# POM CGL 1000x610x12 mm blÃ¥

Artikelnr P1008101

## 1. Tekniskt datablad

| Egenskap | VÃ□rde | Enhet | Standard |
|---|---|---|---|
| Tetthet | 1.24 | g/cmÂ³ | ASTM D792 |
| StrekkgrenseSpenning | 51 | MPa | DIN EN ISO 527-2 |
| Elastisitetsmodul (trek) | 1200 | MPa | ASTM D790 |
| Brottspenning | 76.5 | MPa | ISO 527 |
| Brottsdeformasjon | 300 | % | ASTM D638 |
| Smeltepunkt | 222 | Â°C | ISO 3146 |
| Maksimal drifttemperatur (kortvarig) | 129 | Â°C | UL746B |
| Maksimal driftstemperatur | 90 | Â°C | |
| Minstemperatur | -46.25 | Â°C | |
| Varme-forvrengning (HDT/A) | 105 | Â°C | ASTM D648 |
| Varme-forvrengning (HDT/B) | 155 | Â°C | ISO 75 |
| Vicat-mykningstemperatur (VST/B/50) | 50 | Â°C | ISO 306 |
| Dielektrisk Styrke | 85 | kV/mm | IEC 60243-1 |
| VolumResistivitet | 10Â¹Â² | â„¦ | IEC 60093 |
| Dielektrisk konstant (1 MHz) | 3.7 | - | IEC 60250 |
| Dielektrisk dissipasjonsfaktor (1 MHz) | 0.0 | - | IEC 60250 |
| Dielektrisk tapfaktor (100 Hz) | 0.0 | - | IEC 60250 |
| Brannklasse (UL 94) | 60695 | | UL 94 |
| BÃ¸yÃ¥lfasthet | 58 | MPa | ASTM D638 |
| Termisk konduktivitet | 0.3 | W/(mÂ·K) | DIN 52612 |
| Overflatemotstand | 10Â¹Â³ | â„¦ | IEC 60093 |
| SammenligningskrypstrÃ¸msindeks (CTI) | 600 | V | IEC 60112 |
| Fuktabsorpsjon til metning | 2.2 | % | ASTM D955 |
| Vannabsorpsjon til metning | 0.5 | % | ASTM D570 |
| SkÃ¥ret slagfasthet (Charpy) | 6 | kJ/mÂ² | DIN EN ISO 179-1 |
| Slagseghet (Charpy) | 19 | kJ/mÂ² | ISO 179/1eU |
| Termisk utvidelseskoeffisient | 0.4 | 10â»â´/K | ISO 11359 |

| Egenskap | VÃ□rde | Enhet | Standard |
|---|---|---|---|
| Hardhet Shore D | 83 | Â° Shore D | ISO 868 |
| Kuletrykkshardhet | 230 | MPa | ISO 2039-1 |

## 2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

| Kemikalie | Konc. | Resultat |
|---|---|---|
| 1,4-Dioxan | 100% | 🟡 |
| 2-Hydroxypropionic Acid | 90% | 🟢 |
| Acetic Acid | 100% | 🟡 |
| Aceton | 100% | 🟢 |
| Ammoniak | conc. | 🟢 |
| Ammonium Chloride | â€” | 🟡 |
| Amyl Alcohol | â€” | 🟢 |
| Apple Juice | â€” | 🟢 |
| Bensen | â€” | 🟡 |
| Bleaching Solution | 12.5 cl | 🔴 |
| Boric Acid | 100% | 🟡 |
| Brake Fluid | â€” | 🟢 |
| BrÃ□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€” | 🟢 |

| Kemikalie | Konc. | Resultat |
|---|---|---|
| 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 solution | â€” | 🟢 |
| Isopropyl Alcohol | 100% | 🟢 |
| Klor (gas) | 100% | 🟢 |
| Klorbensen | 100% | 🟡 |
| Kloroform | â€” | 🔴 |
| Kresol | â€” | 🟢 |
| Linseed Oil | â€” | 🟢 |
| Melk | â€” | 🟢 |
| Merkurokrom | â€” | 🔴 |
| Methyl Alcohol | 100% | 🟢 |
| Methyl Ethyl Ketone (MEK) | 100% | 🟡 |
| Methylene Chloride | 100% | 🔴 |
| Mineral Oils (aromatic free) | â€” | 🟢 |
| Nitric Acid | 10% | 🔴 |
| Nitric Acid (50%) | 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% | 🔴 |

| Kemikalie | Konc. | Resultat |
|---|---|---|
| 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 (15%) | 15% | 🟢 |
| Sodium Hydroxide liquor (60%) | 60% | 🟡 |
| Sodium Nitrate, aqueous | â€” | 🟢 |
| Sodium Thiosulfate | â€” | 🟢 |
| Sulfuric Acid | 96% | 🔴 |
| Tetrahydrofuran, THF | 100% | 🟡 |
| Toluen | 100% | 🟢 |
| Transformer Oil | â€” | 🟢 |
| Trikloreten | 100% | 🟡 |
| Vann | â€” | 🟢 |
| Xylen | â€” | 🟢 |