



# PVC U 1"x3050 mm mÃ, rkgrÃŸ

Artikelnr P2202058

## 1. Tekniskt datablad

| Egenskap                               | VÃrde  | Enhet      | Standard         |
|----------------------------------------|--------|------------|------------------|
| Tetthet                                | 1.53   | g/cmÃ³     | ASTM D792        |
| StreckgrenseSpinning                   | 48.8   | MPa        | ASTM D638        |
| Elastisitetsmodul (trek)               | 2669   | MPa        | ASTM D638        |
| Brottspenning                          | 40     | MPa        | ISO 527          |
| Brottsdeformasjon                      | 14     | %          | ISO 527          |
| Smeltepunkt                            | 189.2  | Ã°C        | ASTM D3418       |
| Maksimal drifttemperatur (kortvarig)   | 93.3   | Ã°C        | UL 746B          |
| Maksimal driftstemperatur              | 60     | Ã°C        |                  |
| Minstemperatur                         | -15    | Ã°C        | UL 746B          |
| Varme-forvrengning (HDT/A)             | 106.7  | Ã°C        | ASTM D648        |
| Vicat-mykningstemperatur (VST/B/50)    | 75     | Ã°C        | ISO 306          |
| Dielektrisk Styrke                     | 40     | kV/mm      | IEC 60243-1      |
| VolumResistivitet                      | 10Ã¹âµ | Î©Ã-cm     | DIN EN 62631-3-1 |
| Dielektrisk konstant (1 MHz)           | 3.1    | -          | IEC 60250        |
| Dielektrisk konstant (100 Hz)          | 3.2    | -          | IEC 60250        |
| Dielektrisk dissipasjonsfaktor (1 MHz) | 0.0    | -          | IEC 60250        |
| BÃ,yhÃ¶llfasthet                       | 73.1   | MPa        | ASTM D790        |
| Termisk konduktivitet                  | 0.14   | W/(mÃ-K)   | ISO 22007-4      |
| Overflatemotstand                      | 10Ã¹Ã³ | Î©         | DIN EN 62631-3-2 |
| SammenligningskrypstrÃmsindeks (CTI)   | 600    | V          | IEC 60112        |
| Fuktabsorpsjon til metning             | 0.5    | %          | ASTM D570        |
| Vannabsorpsjon til metning             | 0.5    | %          | ASTM D570        |
| SkÃŸret slagfasthet (Charpy)           | 4      | kJ/mÃ²     | ISO 179          |
| Slagsegghet (Charpy)                   | 550    | kJ/mÃ²     | DIN EN ISO 8256  |
| Termisk utvidelseskoeffisient          | 1.03   | 10â»â´/K   | ASTM D696        |
| Hardhet Shore D                        | 85     | Ã° Shore D | ASTM D2240       |
| Kuletrykkshardhet                      | 100    | MPa        | ISO 2039         |

| Egenskap | Värde | Enhet | Standard |
|----------|-------|-------|----------|
|----------|-------|-------|----------|

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

| Kemikalie                        | Konc.   | Resultat       |
|----------------------------------|---------|----------------|
| 1,4-Dioxan                       | 100%    | <span>●</span> |
| 2-Hydroxipropionsyra (mjölksyra) | 90%     | <span>●</span> |
| Aceton                           | 100%    | <span>●</span> |
| Ammoniak                         | conc.   | <span>●</span> |
| Ammoniumklorid                   | â€”     | <span>●</span> |
| Amylalkohol                      | â€”     | <span>●</span> |
| Bensen                           | â€”     | <span>●</span> |
| Bensin (premium)                 | â€”     | <span>●</span> |
| Blekningslösning                 | 12.5 cl | <span>●</span> |
| Borsyra                          | 100%    | <span>●</span> |
| Bremseväske                      | â€”     | <span>●</span> |
| Bromsle (aromatfritt)            | â€”     | <span>●</span> |
| Butylacetat                      | â€”     | <span>●</span> |
| Citronsyra                       | 10%     | <span>●</span> |
| Cyklohexanon                     | 100%    | <span>●</span> |
| Cyklohexen                       | 100%    | <span>●</span> |
| Diesel                           | â€”     | <span>●</span> |
| Dietylenoxid                     | â€”     | <span>●</span> |
| Eddik (standard)                 | 5 - 10% | <span>●</span> |
| Eplejuice                        | â€”     | <span>●</span> |
| Etylacetat                       | 100%    | <span>●</span> |
| Etylalkohol (etanol)             | 96%     | <span>●</span> |
| Etylenklorid                     | 100%    | <span>●</span> |
| Fenol (vattenl.)                 | ca. 9%  | <span>●</span> |
| Flussyre                         | 40%     | <span>●</span> |
| Formaldehyd (vattenl.)           | 40%     | <span>●</span> |
| Fosforsyra                       | 50%     | <span>●</span> |
| Frostväske                       | â€”     | <span>●</span> |
| Fyringsolja                      | â€”     | <span>●</span> |
| Glycerin                         | 100%    | <span>●</span> |

| Kemikalie                          | Konc.       | Resultat |
|------------------------------------|-------------|----------|
|                                    |             |          |
| Glykol                             | 100%        | ●        |
| Heptan                             | 100%        | ●        |
| Hydrogenperoxid                    | 10%         | ●        |
| Isopropylalkohol                   | 100%        | ●        |
| Kalciumklorid                      | â€”         | ●        |
| Kaliumhydroxidl sning              | 50%         | ●        |
| Klor (gas)                         | 100%        | ●        |
| Klorbensen                         | 100%        | ●        |
| Kloroform                          | â€”         | ●        |
| Koldisulfid                        | 100%        | ●        |
| Koltetraklorid                     | â€”         | ●        |
| Kresol                             | â€”         | ●        |
| Linolje                            | â€”         | ●        |
| Matolje                            | â€”         | ●        |
| Maursyre                           | 10%         | ●        |
| Melk                               | â€”         | ●        |
| Merkurokrom                        | â€”         | ●        |
| Metylalkohol (metanol)             | 100%        | ●        |
| Metylenklorid                      | 100%        | ●        |
| Metyletylketon (MEK)               | 100%        | ●        |
| Mineraloljer (aromatfrie)          | â€”         | ●        |
| Natriumhydroxidl sning (natronlut) | 15%         | ●        |
| Natriumhydroxidl sning (natronlut) | 60%         | ●        |
| Natriumkarbonat (vattenl.)         | â€”         | ●        |
| Natriumklorid (vattenl.)           | â€”         | ●        |
| Natriumnitrat (vattenl.)           | â€”         | ●        |
| Natriumtiosulfat                   | â€”         | ●        |
| Natriumv  tesulfit                 | â€”         | ●        |
| Nitrobensen                        | â€”         | ●        |
| Oxalsyra                           | â€”         | ●        |
| Ozon (gas)                         |     0.5 ppm | ●        |
| Paraffinolja                       | 100%        | ●        |
| Perkloretylen                      | â€”         | ●        |
| Petroleum                          | 100%        | ●        |

| Kemikalie              | Konc. | Resultat |
|------------------------|-------|----------|
| Petroleumeter          | 100%  | ●        |
| Propylalkohol          | â€”   | ●        |
| Pyridin                | â€”   | ●        |
| Salpetersyra           | 10%   | ●        |
| Salpetersyra           | 50%   | ●        |
| Saltsyra               | 10%   | ●        |
| Saltsyra (konc.)       | conc. | ●        |
| Silikonolja            | â€”   | ●        |
| Svavelsyra             | 96%   | ●        |
| Tetrahydrofuran (THF)  | 100%  | ●        |
| Toluen                 | 100%  | ●        |
| Transformatorolja      | â€”   | ●        |
| Trikloretan            | 100%  | ●        |
| Vann                   | â€”   | ●        |
| V  tesulfid (vattenl.) | â€”   | ●        |
| Xylen                  | â€”   | ●        |
|   ttiksyra             | 100%  | ●        |