



# Rundst ng i PVC U 90x2000 mm m rkgr 

Artikelnr P2202039

## 1. Tekniskt datablad

| Egenskap                             | V rde                | Enhet                | Standard         |
|--------------------------------------|----------------------|----------------------|------------------|
| Densitet                             | 1.53                 | g/cm  <sup>3</sup>   | ASTM D792        |
| Str ckgr nssp nning                  | 48.8                 | MPa                  | ASTM D638        |
| Elasticitetsmodul (drag)             | 2669                 | MPa                  | ASTM D638        |
| Brottp nning                         | 40                   | MPa                  | ISO 527          |
| Brott ljning                         | 14                   | %                    | ISO 527          |
| Sm ltpunkt                           | 189.2                |   C                  | ASTM D3418       |
| Maximal drifttemperatur (korttid)    | 93.3                 |   C                  | UL 746B          |
| Maximal drifttemperatur              | 60                   |   C                  |                  |
| Minsta temperatur                    | -15                  |   C                  | UL 746B          |
| V rme r r ngning (HDT/A)             | 106.7                |   C                  | ASTM D648        |
| Vicat mjukningstemperatur (VST/B/50) | 75                   |   C                  | ISO 306          |
| Dielektrisk styrka                   | 40                   | kV/mm                | IEC 60243-1      |
| Volymresistivitet                    | 10  <sup>14</sup>    |                      | DIN EN 62631-3-1 |
| Dielektrisk konstant (1 MHz)         | 3.1                  | -                    | IEC 60250        |
| Dielektrisk konstant (100 Hz)        | 3.2                  | -                    | IEC 60250        |
| Dielektrisk f rlustfaktor (1 MHz)    | 0.0                  | -                    | IEC 60250        |
| B j llfasthet                        | 73.1                 | MPa                  | ASTM D790        |
| Termisk konduktivitet                | 0.14                 | W/(m  K)             | ISO 22007-4      |
| Ytresistivitet                       | 10  <sup>13</sup>    |                      | DIN EN 62631-3-2 |
| J mf rande krypsr msindex (CTI)      | 600                  | V                    | IEC 60112        |
| Fuktabsorption till m  ttnad         | 0.5                  | %                    | ASTM D570        |
| Vattenabsorption till m  ttnad       | 0.5                  | %                    | ASTM D570        |
| Sk rad slagseghet (Charpy)           | 4                    | kJ/m  <sup>2</sup>   | ISO 179          |
| Slagseghet (Charpy)                  | 550                  | kJ/m  <sup>2</sup>   | DIN EN ISO 8256  |
| Termisk utvidgningskoefficient       | 1.03                 | 10  <sup>-6</sup> /K | ASTM D696        |
| H rdhet Shore D                      | 85                   |    Shore D           | ASTM D2240       |

| Egenskap         | V rde | Enhet | Standard |
|------------------|-------|-------|----------|
| Kultrycksh rdhet | 100   | MPa   | ISO 2039 |

2. Kemisk best ndighet

● Best ndig ● Delvis best ndig ● Ej best ndig

| Kemikalie                         | Konc.   | Resultat |
|-----------------------------------|---------|----------|
| 1,4-Dioxan                        | 100%    | ●        |
| 2-Hydroxipropionsyra (mj lkssyra) | 90%     | ●        |
| Aceton                            | 100%    | ●        |
| Ammoniak                          | conc.   | ●        |
| Ammoniumklorid                    |         | ●        |
| Amylalkohol                       |         | ●        |
| Bensen                            |         | ●        |
| Bensin (premium)                  |         | ●        |
| Blekningsl sning                  | 12.5 cl | ●        |
| Borsyra                           | 100%    | ●        |
| Bromsv tska                       |         | ●        |
| Br nsle (aromatfritt)             |         | ●        |
| Butylacetat                       |         | ●        |
| Citronsyra                        | 10%     | ●        |
| Cyklohexanon                      | 100%    | ●        |
| Cyklohexen                        | 100%    | ●        |
| Diesel                            |         | ●        |
| Dietylenoxid                      |         | ●        |
| Eldningsolja                      |         | ●        |
| Etylacetat                        | 100%    | ●        |
| Etylalkohol (etanol)              | 96%     | ●        |
| Etylenklorid                      | 100%    | ●        |
| Fenol (vattenl.)                  | ca. 9%  | ●        |
| Fluorv tsesyra                    | 40%     | ●        |
| Formaldehyd (vattenl.)            | 40%     | ●        |
| Fosforsyra                        | 50%     | ●        |
| Frostskyddsmedel                  |         | ●        |
| Glycerin                          | 100%    | ●        |
| Glykol                            | 100%    | ●        |

| Kemikalie                           | Konc.       | Resultat |
|-------------------------------------|-------------|----------|
| Heptan                              | 100%        | ●        |
| Isopropylalkohol                    | 100%        | ●        |
| Kalciumklorid                       | â€”         | ●        |
| Kaliumhydroxidl  sning              | 50%         | ●        |
| Klor (gas)                          | 100%        | ●        |
| Klorbensen                          | 100%        | ●        |
| Kloroform                           | â€”         | ●        |
| Koldisulfid                         | 100%        | ●        |
| Koltetraklorid                      | â€”         | ●        |
| Kresol                              | â€”         | ●        |
| Linolja                             | â€”         | ●        |
| Matolja                             | â€”         | ●        |
| Merkurokrom                         | â€”         | ●        |
| Metylalkohol (metanol)              | 100%        | ●        |
| Metylenklorid                       | 100%        | ●        |
| Metyletylketon (MEK)                | 100%        | ●        |
| Mineraloljor (aromatfria)           | â€”         | ●        |
| Mj  lk                              | â€”         | ●        |
| Myrsyra                             | 10%         | ●        |
| 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%        | ●        |
| Petroleumeter                       | 100%        | ●        |
| Propylalkohol                       | â€”         | ●        |
| Pyridin                             | â€”         | ●        |

| Kemikalie             | Konc.   | Resultat |
|-----------------------|---------|----------|
| Salpetersyra          | 10%     | ●        |
| Salpetersyra          | 50%     | ●        |
| Saltsyra              | 10%     | ●        |
| Saltsyra (konc.)      | conc.   | ●        |
| Silikonolja           | â€”     | ●        |
| Svavelsyra            | 96%     | ●        |
| Tetrahydrofuran (THF) | 100%    | ●        |
| Toluen                | 100%    | ●        |
| Transformatorolja     | â€”     | ●        |
| Trikloretan           | 100%    | ●        |
| Vatten                | â€”     | ●        |
| Väteperoxid           | 10%     | ●        |
| Vätesulfid (vattenl.) | â€”     | ●        |
| Xylen                 | â€”     | ●        |
| Äppeljuice            | â€”     | ●        |
| Ättika (standard)     | 5 - 10% | ●        |
| Ättiksyra             | 100%    | ●        |