



# Rundst ng i PVC U 140x2000 mm m rkgr 

Artikelnr P2202044

## 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          |
| Brottf jning                         | 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>10</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 h llfasthet                      | 73.1                             | MPa                    | ASTM D790        |
| Termisk konduktivitet                | 0.14                             | W/(m  K)               | ISO 22007-4      |
| Ytresistivitet                       | 10  <sup>10</sup>   <sup>3</sup> |                        | DIN EN 62631-3-2 |
| J mf r nde 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)                  |         | ●        |
| Bleknings  sning                  | 12.5 cl | ●        |
| Borsyra                           | 100%    | ●        |
| Bromsv  tska                      |         | ●        |
| Br  nsl   (aromatfritt)           |         | ●        |
| Butylacetat                       |         | ●        |
| Citronsyra                        | 10%     | ●        |
| Cyklohexanon                      | 100%    | ●        |
| Cyklohexen                        | 100%    |          |
| Diesel                            |         |          |
| Dietylenoxid                      |         |          |
| Eldningsolja                      |         |          |
| Etylacetat                        | 100%    |          |
| Etylalkohol (etanol)              | 96%     |          |
| Etylenklorid                      | 100%    |          |
| Fenol (vattenl.)                  | ca. 9%  |          |
| Fluorv  tesyra                    | 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%    | ●        |