



## PET 80x3000 mm natural

Artikelnummer: P1003646

### 1. Tekniskt Datablad (TDS)

#### Densidad y peso

| EGENSKAP | VÄRDE | ENHET | STANDARD |
|----------|-------|-------|----------|
| Densidad | 1.46  | g/cm³ | ISO 1183 |

#### Absorción de humedad

| EGENSKAP                              | VÄRDE | ENHET | STANDARD |
|---------------------------------------|-------|-------|----------|
| Absorción de agua hasta la saturación | 0.02  | %     | ISO 62   |
| Absorción de agua hasta la saturación | 0.02  | %     | ISO 62   |

#### Propiedades de tracción

| EGENSKAP                            | VÄRDE | ENHET | STANDARD  |
|-------------------------------------|-------|-------|-----------|
| Límite de resistencia a la tracción | 52    | MPa   | ISO 527   |
| Módulo de elasticidad (tracción)    | 3400  | MPa   | ISO 527-2 |
| Resistencia a la tensión            | 58    | MPa   | ISO 527   |
| Deformación a la rotura             | 5     | %     | ISO 527-2 |

#### Propiedades de flexión

| EGENSKAP                 | VÄRDE | ENHET | STANDARD |
|--------------------------|-------|-------|----------|
| Resistencia a la flexión | 75.25 | MPa   | ISO 178  |

#### Resistencia al impacto

| EGENSKAP                                    | VÄRDE | ENHET | STANDARD |
|---------------------------------------------|-------|-------|----------|
| Resistencia al impacto con entalla (Charpy) | 90    | kJ/m² | ISO 180  |

| EGENSKAP                        | VÄRDE | ENHET | STANDARD    |
|---------------------------------|-------|-------|-------------|
| Resistencia al impacto (Charpy) | 37    | kJ/m² | ISO 179/1eU |

#### Dureza

| EGENSKAP                    | VÄRDE | ENHET     | STANDARD |
|-----------------------------|-------|-----------|----------|
| Dureza Shore D              | 77    | ° Shore D | ISO 868  |
| Dureza Rockwell             | 112   | M-scale   |          |
| Dureza a la presión de bala | 166   | MPa       | ISO 2039 |

#### Límites de temperatura

| EGENSKAP                                      | VÄRDE   | ENHET | STANDARD |
|-----------------------------------------------|---------|-------|----------|
| Punto de fusión                               | 224     | °C    | ISO 3146 |
| Temperatura de servicio máxima (corto plazo)  | 138.75  | °C    | UL746B   |
| Temperatura de funcionamiento máxima          | 96.6667 | °C    |          |
| Temperatura mínima                            | -25     | °C    |          |
| Deformación térmica (HDT/A)                   | 85      | °C    | ISO 75   |
| Deformación térmica (HDT/B)                   | 100     | °C    | ISO 75   |
| Temperatura de ablandamiento Vicat (VST/B/50) | 219     | °C    | ISO 306  |

#### Conductividad térmica

| EGENSKAP              | VÄRDE | ENHET   | STANDARD  |
|-----------------------|-------|---------|-----------|
| Conductividad térmica | 0.33  | W/(m·K) | DIN 52612 |

#### Expansión térmica

| EGENSKAP                          | VÄRDE | ENHET               | STANDARD  |
|-----------------------------------|-------|---------------------|-----------|
| Coefficiente de expansión térmica | 0.8   | 10 <sup>-4</sup> /K | DIN 11359 |

#### Propiedades de aislamiento

| EGENSKAP                               | VÄRDE  | ENHET | STANDARD         |
|----------------------------------------|--------|-------|------------------|
| Fuerza dieléctrica                     | 22     | kV/mm | IEC 60243-1      |
| Resistividad volumétrica               | 1018   | Ω·cm  | DIN EN 62631-3-1 |
| Constante dieléctrica (1 MHz)          | 3.3    | -     | IEC 60250        |
| Factor de pérdida dieléctrica (1 MHz)  | 0.0095 | -     | IEC 60250        |
| Factor de pérdida dieléctrica (100 Hz) | 0.0105 | -     | IEC 60250        |

| Dispersión estática                     |       |       |           |
|-----------------------------------------|-------|-------|-----------|
| EGENSKAP                                | VÄRDE | ENHET | STANDARD  |
| Resistencia superficial                 | 1014  | Ω     | IEC 60093 |
| Índice de seguimiento comparativo (CTI) | 600   | V     | IEC 60112 |

## 2. Säkerhetsinformation (MSDS)

**Klassificering:** Ej klassificerad som farlig (CLP/GHS) i fast form.

**Hantering:** Inga särskilda åtgärder vid normal hantering. Vid bearbetning: Dammutsug.

**Lagring:** Förvaras torrt och svalt. 5-40 °C.

**Brandrisker:** Vid brand: CO, CO<sub>2</sub>.

## 3. Kemisk beständighet

A Utmärkt
 B God
 C Begränsad
 D Ej rekommenderad

| KEMIKALE             | BETYG                                                                             | KONC.   | TEMP. |
|----------------------|-----------------------------------------------------------------------------------|---------|-------|
| 1,4-Dioxan           | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> | 100%    | 60 °C |
| 1,4-Dioxan           | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> | 100%    |       |
| Aceton               | <span style="background-color: #F44336; color: white; padding: 2px 5px;">D</span> | 100%    | 60 °C |
| Aceton               | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> | 100%    |       |
| Ammoniak             | <span style="background-color: #F44336; color: white; padding: 2px 5px;">D</span> | conc. % | 60 °C |
| Ammoniak             | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> | conc. % |       |
| Bensen               | <span style="background-color: #F44336; color: white; padding: 2px 5px;">D</span> |         | 60 °C |
| Bensen               | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> |         |       |
| Bensin (premium)     | <span style="background-color: #2196F3; color: white; padding: 2px 5px;">B</span> |         | 60 °C |
| Bensin (premium)     | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         |       |
| Blekningslösning     | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         |       |
| Bromsvätska          | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         |       |
| Bromsvätska          | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         | 60 °C |
| Bränsle, aromatfritt | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         | 60 °C |
| Bränsle, aromatfritt | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         |       |
| Butylacetat          | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         | 60 °C |
| Butylacetat          | <span style="background-color: #4CAF50; color: white; padding: 2px 5px;">A</span> |         |       |

| KEMIKALE             | BETYG | KONC. | TEMP. |
|----------------------|-------|-------|-------|
| Citronsyra           | A     | 10%   |       |
| Citronsyra           | B     | 10%   | 60 °C |
| Diesel               | A     |       |       |
| Diesel               | A     |       | 60 °C |
| Dietylenoxid         | A     |       |       |
| Dietylenoxid         | A     |       |       |
| Eldningsolja         | A     |       |       |
| Eldningsolja         | A     |       | 60 °C |
| Etylacetat           | A     | 100%  |       |
| Etylacetat           | D     | 100%  | 60 °C |
| Etylalkohol (etanol) | A     | 96%   | 60 °C |
| Etylalkohol (etanol) | A     | 96%   |       |
| Etylalkohol (etanol) | A     | 96%%  |       |
| Etylenklorid         | B     | 100%  |       |
| Etylenklorid         | D     | 100%  | 60 °C |
| Fenol, vattenl.      | D     | ca.9% |       |
| Fluorvätesyra        | D     | 40%   | 60 °C |
| Fluorvätesyra        | D     | 40%   |       |
| Fluorvätesyra        | A     | 40%%  |       |
| Fosforsyra           | B     | 50%   | 60 °C |
| Fosforsyra           | A     | 50%   |       |
| Frostskyddsmedel     | A     |       |       |
| Frostskyddsmedel     | B     |       | 60 °C |
| Glycerin             | A     | 100%  | 60 °C |
| Glycerin             | A     | 100%% |       |
| Glycerin             | A     | 100%  |       |
| Glykol               | B     | 100%  | 60 °C |
| Glykol               | A     | 100%  |       |
| Heptan               | A     | 100%  |       |

| KEMIKALE               | BETYG | KONC. | TEMP. |
|------------------------|-------|-------|-------|
| Heptan                 | A     | 100%  | 60 °C |
| Isopropylalkohol       | B     | 100%  | 60 °C |
| Isopropylalkohol       | A     | 100%% |       |
| Isopropylalkohol       | A     | 100%  |       |
| Kalciumklorid          | A     |       | 60 °C |
| Kalciumklorid          | A     |       |       |
| Kaliumhydroxidlösning  | D     | 50%   | 60 °C |
| Kaliumhydroxidlösning  | D     | 50%   |       |
| Klorbensen             | D     | 100%  | 60 °C |
| Klorbensen             | A     | 100%% |       |
| Klorbensen             | D     | 100%  |       |
| Kloroform              | D     |       | 60 °C |
| Kloroform              | D     |       |       |
| Koldisulfid            | B     | 100%  | 60 °C |
| Koldisulfid            | A     | 100%  |       |
| Koltetraklorid         | B     |       | 60 °C |
| Koltetraklorid         | A     |       |       |
| Koltetraklorid         | A     |       |       |
| Linolja                | A     |       | 60 °C |
| Linolja                | A     |       |       |
| Matolja                | A     |       | 60 °C |
| Matolja                | A     |       |       |
| Matolja                | A     |       |       |
| Merkurokrom            | A     |       |       |
| Metylalkohol (metanol) | A     | 100%  |       |
| Metylalkohol (metanol) | B     | 100%  | 60 °C |
| Metylalkohol (metanol) | A     | 100%% |       |
| Metylenklorid          | D     | 100%  |       |
| Metylenklorid          | D     | 100%  | 60 °C |

| KEMIKALE                           | BETYG | KONC. | TEMP. |
|------------------------------------|-------|-------|-------|
| Metyletylketon (MEK)               | A     | 100%  |       |
| Metyletylketon (MEK)               | B     | 100%  | 60 °C |
| Mineraloljor, aromatfria           | A     |       | 60 °C |
| Mineraloljor, aromatfria           | A     |       |       |
| Mjök                               | A     |       |       |
| Mjök                               | A     |       | 60 °C |
| Myrsyra                            | A     | 10%   |       |
| Myrsyra                            | B     | 10%   | 60 °C |
| Natriumhydroxidlösning (natronlut) | D     | 15%   | 60 °C |
| Natriumhydroxidlösning (natronlut) | D     | 60%   |       |
| Natriumhydroxidlösning (natronlut) | D     | 60%   | 60 °C |
| Natriumhydroxidlösning (natronlut) | D     | 15%   |       |
| Natriumkarbonat, vattenl.          | A     |       | 60 °C |
| Natriumkarbonat, vattenl.          | A     |       |       |
| Natriumklorid, vattenl.            | A     |       | 60 °C |
| Natriumklorid, vattenl.            | A     |       |       |
| Natriumnitrat, vattenl.            | A     |       |       |
| Natriumtiosulfat                   | A     |       |       |
| Natriumvätesulfit                  | A     |       | 60 °C |
| Natriumvätesulfit                  | B     |       |       |
| Natriumvätesulfit                  | A     |       |       |
| Paraffinolja                       | A     | 100%  | 60 °C |
| Paraffinolja                       | A     | 100%  |       |
| Perkloretylen                      | A     |       |       |
| Perkloretylen                      | D     |       | 60 °C |
| Petroleum                          | A     | 100%% |       |
| Petroleum                          | A     | 100%  |       |
| Petroleumeter                      | A     | 100%  |       |
| Petroleumeter                      | A     | 100%% |       |

| KEMIKALE              | BETYG | KONC.  | TEMP. |
|-----------------------|-------|--------|-------|
| Petroleumeter         | A     | 100%   | 60 °C |
| Propylalkohol         | A     |        |       |
| Propylalkohol         | D     |        | 60 °C |
| Salpetersyra          | A     | 10%%   |       |
| Salpetersyra          | A     | 10%    |       |
| Salpetersyra          | B     | 10%    | 60 °C |
| Salpetersyra          | D     | 50%    |       |
| Salpetersyra          | D     | 50%    | 60 °C |
| Saltsyra              | D     | conc.% | 60 °C |
| Saltsyra              | D     | conc.% |       |
| Saltsyra              | B     | 10%    | 60 °C |
| Saltsyra              | A     | 10%    |       |
| Saltsyra (konc.)      | A     | conc.% |       |
| Silikonolja           | A     |        |       |
| Silikonolja           | A     |        | 60 °C |
| Svavelsyra            | D     | 96%    | 60 °C |
| Svavelsyra            | D     | 96%    |       |
| Tetrahydrofuran (THF) | D     | 100%   | 60 °C |
| Tetrahydrofuran (THF) | D     | 100%   |       |
| Toluen                | A     | 100%   |       |
| Toluen                | D     | 100%   | 60 °C |
| Toluen                | A     | 100%%  |       |
| Transformatorolja     | A     |        | 60 °C |
| Transformatorolja     | A     |        |       |
| Trikloretan           | B     | 100%   |       |
| Trikloretan           | D     | 100%   | 60 °C |
| Vatten                | D     |        | 60 °C |
| Vatten                | A     |        |       |
| Väteperoxid           | B     | 10%    | 60 °C |

| KEMIKALE             | BETYG | KONC.  | TEMP. |
|----------------------|-------|--------|-------|
| Väteperoxid          | A     | 10%    |       |
| Vätesulfid, vattenl. | A     |        |       |
| Xylen                | D     |        | 60 °C |
| Xylen                | B     |        |       |
| Äppeljuice           | A     |        |       |
| Äppeljuice           | A     |        |       |
| Ättika, standard     | B     | 5-10%  | 60 °C |
| Ättika, standard     | A     | 5-10%% |       |
| Ättika, standard     | A     | 5-10%  |       |
| Ättiksyra            | D     | 100%   |       |
| Ättiksyra            | D     | 100%   | 60 °C |
| Ättiksyra            | A     | 100%%  |       |