



# PET 36x1000 mm natural

Artikelnr P1003595

## 1. Tekniskt datablad

| Egenskap                                      | Värde  | Enhet   | Standard         |
|-----------------------------------------------|--------|---------|------------------|
| Densidad                                      | 1.46   | g/cm³   | ISO 1183         |
| 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        |
| Punto de fusión                               | 224    | °C      | ISO 3146         |
| Temperatura de servicio máxima (corto plazo)  | 138.75 | °C      | UL746B           |
| Temperatura de funcionamiento máxima          | 97     | °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          |
| Fuerza dieléctrica                            | 22     | kV/mm   | IEC 60243-1      |
| Resistividad volumétrica                      | 10¹¹   | Ω·cm    | DIN EN 62631-3-1 |
| Constante dieléctrica (1 MHz)                 | 3.3    | -       | IEC 60250        |
| Factor de pérdida dieléctrica (1 MHz)         | 0.0    | -       | IEC 60250        |
| Factor de pérdida dieléctrica (100 Hz)        | 0.0    | -       | IEC 60250        |
| Resistencia a la flexión                      | 75.25  | MPa     | ISO 178          |
| Conductividad térmica                         | 0.33   | W/(m·K) | DIN 52612        |
| Resistencia superficial                       | 10¹¹   | Ω       | IEC 60093        |
| Índice de seguimiento comparativo (CTI)       | 600    | V       | IEC 60112        |
| Absorción de agua hasta la saturación         | 0.02   | %       | ISO 62           |
| Absorción de agua hasta la saturación         | 0.02   | %       | ISO 62           |
| Resistencia al impacto con entalla (Charpy)   | 90     | kJ/m²   | ISO 180          |
| Resistencia al impacto (Charpy)               | 37     | kJ/m²   | ISO 179/1eU      |
| Coefficiente de expansión térmica             | 0.8    | 10⁻⁵ /K | DIN 11359        |

| Egenskap                    | V rde | Enhet     | Standard |
|-----------------------------|-------|-----------|----------|
| Dureza Shore D              | 77    |   Shore D | ISO 868  |
| Dureza Rockwell             | 112   | M-scale   |          |
| Dureza a la presi n de bala | 166   | MPa       | ISO 2039 |

## 2. Kemisk best ndighet

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

| Kemikalie            | Konc. | Resultat |
|----------------------|-------|----------|
| 1,4-Dioxane          | 100   | ●        |
| 1,4-Dioxane          | 100   | ●        |
| Acetic acid          | 100   | ●        |
| Acetic acid          | 100   | ●        |
| Acetic acid          | 100%  | ●        |
| Acetone              | 100   | ●        |
| Acetone              | 100   | ●        |
| Ammonia              | conc. | ●        |
| Ammonia              | conc. | ●        |
| Apple juice          |       | ●        |
| Apple juice          |       | ●        |
| Benzene              |       | ●        |
| Benzene              |       | ●        |
| Bleaching solution   |       | ●        |
| Brake fluid          |       | ●        |
| Brake fluid          |       | ●        |
| Butyl acetate        |       | ●        |
| Butyl acetate        |       | ●        |
| Calcium chloride     |       | ●        |
| Calcium chloride     |       | ●        |
| Carbon disulphide    | 100   | ●        |
| Carbon disulphide    | 100   | ●        |
| Carbon tetrachloride |       | ●        |
| Carbon tetrachloride |       | ●        |
| Carbon tetrachloride |       | ●        |
| Chlorobenzene        | 100   | ●        |
| Chlorobenzene        | 100   | ●        |
| Chlorobenzene        | 100%  | ●        |

| Kemikalie               | Konc. | Resultat    |
|-------------------------|-------|-------------|
| Chloroform              | â€”   | <div></div> |
| Chloroform              | â€”   | <div></div> |
| Citric acid             | 10    | <div></div> |
| Citric acid             | 10    | <div></div> |
| Diesel                  | â€”   | <div></div> |
| Diesel                  | â€”   | <div></div> |
| Diethylene oxide        | â€”   | <div></div> |
| Diethylene oxide        | â€”   | <div></div> |
| Ethyl acetate           | 100   | <div></div> |
| Ethyl acetate           | 100   | <div></div> |
| Ethyl alcohol (ethanol) | 96%   | <div></div> |
| Ethyl alcohol (ethanol) | 96    | <div></div> |
| Ethyl alcohol (ethanol) | 96    | <div></div> |
| Ethylene chloride       | 100   | <div></div> |
| Ethylene chloride       | 100   | <div></div> |
| Food oil                | â€”   | <div></div> |
| Food oil                | â€”   | <div></div> |
| Food oil                | â€”   | <div></div> |
| Formic acid             | 10    | <div></div> |
| Formic acid             | 10    | <div></div> |
| Frost protection agent  | â€”   | <div></div> |
| Frost protection agent  | â€”   | <div></div> |
| Fuel oil                | â€”   | <div></div> |
| Fuel oil                | â€”   | <div></div> |
| Fuel, aromatic free     | â€”   | <div></div> |
| Fuel, aromatic free     | â€”   | <div></div> |
| Glycerine               | 100%  | <div></div> |
| Glycerine               | 100   | <div></div> |
| Glycerine               | 100   | <div></div> |
| Glycol                  | 100   | <div></div> |
| Glycol                  | 100   | <div></div> |
| Heptane                 | 100   | <div></div> |
| Heptane                 | 100   | <div></div> |
| Hydrochloric acid       | conc. | <div></div> |

| Kemikalie                        | Konc. | Resultat    |
|----------------------------------|-------|-------------|
| Hydrochloric acid                | 10    | <div></div> |
| Hydrochloric acid                | conc. | <div></div> |
| Hydrochloric acid                | 10    | <div></div> |
| Hydrochloric acid (concentrated) | conc. | <div></div> |
| Hydrofluoric acid                | 40    | <div></div> |
| Hydrofluoric acid                | 40%   | <div></div> |
| Hydrofluoric acid                | 40    | <div></div> |
| Hydrogen peroxide                | 10    | <div></div> |
| Hydrogen peroxide                | 10    | <div></div> |
| Hydrogen sulfide, aqueous        | â€”   | <div></div> |
| Isopropyl alcohol                | 100   | <div></div> |
| Isopropyl alcohol                | 100   | <div></div> |
| Isopropyl alcohol                | 100%  | <div></div> |
| Linseed oil                      | â€”   | <div></div> |
| Linseed oil                      | â€”   | <div></div> |
| Mercurochrome                    | â€”   | <div></div> |
| Methyl alcohol (methanol)        | 100   | <div></div> |
| Methyl alcohol (methanol)        | 100%  | <div></div> |
| Methyl alcohol (methanol)        | 100   | <div></div> |
| Methyl ethyl ketone (MEK)        | 100   | <div></div> |
| Methyl ethyl ketone (MEK)        | 100   | <div></div> |
| Methylene chloride               | 100   | <div></div> |
| Methylene chloride               | 100   | <div></div> |
| Milk                             | â€”   | <div></div> |
| Milk                             | â€”   | <div></div> |
| Mineral oils, aromatic free      | â€”   | <div></div> |
| Mineral oils, aromatic free      | â€”   | <div></div> |
| Nitric acid                      | 50    | <div></div> |
| Nitric acid                      | 10    | <div></div> |
| Nitric acid                      | 50    | <div></div> |
| Nitric acid                      | 10%   | <div></div> |
| Nitric acid                      | 10    | <div></div> |
| Paraffin oil                     | 100   | <div></div> |
| Paraffin oil                     | 100   | <div></div> |
| Perchloroethylene                | â€”   | <div></div> |

| Kemikalie                                | Konc. | Resultat |
|------------------------------------------|-------|----------|
| Perchloroethylene                        | â€”   | ●        |
| Petroleum                                | 100   | ●        |
| Petroleum                                | 100%  | ●        |
| Petroleum ether                          | 100   | ●        |
| Petroleum ether                          | 100%  | ●        |
| Petroleum ether                          | 100   | ●        |
| Phenol, aqueous                          | ca.9  | ●        |
| Phosphoric acid                          | 50    | ●        |
| Phosphoric acid                          | 50    | ●        |
| Potassium hydroxide solution             | 50    | ●        |
| Potassium hydroxide solution             | 50    | ●        |
| Premium fuel                             | â€”   | ●        |
| Premium fuel                             | â€”   | ●        |
| Propyl alcohol                           | â€”   | ●        |
| Propyl alcohol                           | â€”   | ●        |
| Silicone oil                             | â€”   | ●        |
| Silicone oil                             | â€”   | ●        |
| Sodium carbonate, aqueous                | â€”   | ●        |
| Sodium carbonate, aqueous                | â€”   | ●        |
| Sodium chloride, aqueous                 | â€”   | ●        |
| Sodium chloride, aqueous                 | â€”   | ●        |
| Sodium hydrogen sulfite                  | â€”   | ●        |
| Sodium hydrogen sulfite                  | â€”   | ●        |
| Sodium hydrogen sulfite                  | â€”   | ●        |
| Sodium hydroxide solution (caustic soda) | 60    | ●        |
| Sodium hydroxide solution (caustic soda) | 60    | ●        |
| Sodium hydroxide solution (caustic soda) | 15    | ●        |
| Sodium hydroxide solution (caustic soda) | 15    | ●        |
| Sodium nitrate, aqueous                  | â€”   | ●        |
| Sodium thiosulfate                       | â€”   | ●        |
| Sulphuric acid                           | 96    | ●        |
| Sulphuric acid                           | 96    | ●        |
| Tetrahydrofuran (THF)                    | 100   | ●        |
| Tetrahydrofuran (THF)                    | 100   | ●        |

| Kemikalie         | Konc. | Resultat    |
|-------------------|-------|-------------|
| Toluene           | 100%  | <div></div> |
| Toluene           | 100   | <div></div> |
| Toluene           | 100   | <div></div> |
| Transformer oil   | â€”   | <div></div> |
| Transformer oil   | â€”   | <div></div> |
| Trichloroethylene | 100   | <div></div> |
| Trichloroethylene | 100   | <div></div> |
| Vinegar, standard | 5-10% | <div></div> |
| Vinegar, standard | 5-10  | <div></div> |
| Vinegar, standard | 5-10  | <div></div> |
| Water             | â€”   | <div></div> |
| Water             | â€”   | <div></div> |
| Xylene            | â€”   | <div></div> |
| Xylene            | â€”   | <div></div> |