



# PA6 E 95x1000 mm natural

Artikelnr P1000916

## 1. Tekniskt datablad

| Egenskap                                         | V rde    | Enhet     | Standard       |
|--------------------------------------------------|----------|-----------|----------------|
| Densidad                                         | 1.14     | g/cm      | ISO 1183       |
| L mite de resistencia a la tracci    n           | 70       | MPa       | DIN EN ISO 527 |
| M  dulo de elasticidad (tracci    n)             | 3250     | MPa       | ISO 527-2      |
| Resistencia a la tensi    n                      | 75       | MPa       | ISO 527-2      |
| Deformaci    n a la rotura                       | 40       | %         | ISO 527-2      |
| Punto de fusi    n                               | 220      |           | ISO 3146       |
| Temperatura de servicio m  xima (corto plazo)    | 160      |           |                |
| Temperatura de funcionamiento m  xima            | 90.5     |           |                |
| Temperatura m  nima                              | -36      |           |                |
| Deformaci    n t  rmica (HDT/A)                  | 70       |           | ISO 75-2       |
| Deformaci    n t  rmica (HDT/B)                  | 140      |           | ISO 75-2       |
| Temperatura de ablandamiento Vicat (VST/B/50)    | 190      |           | ISO 306        |
| Fuerza diel    trica                             | 25       | kV/mm     | IEC 60243-1    |
| Resistividad volum    trica                      | 10       |           | IEC 60093      |
| Constante diel    trica (1 MHz)                  | 3.7      | -         | IEC 60250      |
| Constante diel    trica (100 Hz)                 | 3.9      | -         | IEC 60250      |
| Factor de p  rdida diel    trica (1 MHz)         | 0.0      | -         | IEC 60250      |
| Factor de p  rdida diel    trica (100 Hz)        | 0.0      | -         | IEC 60250      |
| Clasificaci    n de resistencia al fuego (UL 94) | 3        |           | UL 94          |
| Resistencia a la flexi    n                      | 76       | MPa       | ISO 527-2      |
| Conductividad t  rmica                           | 0.28     | W/(m    ) | DIN 52612      |
| Resistencia superficial                          | 10       |           | IEC 60093      |
|   ndice de seguimiento comparativo (CTI)         | 600      | V         | IEC 60112      |
| Absorci    n de agua hasta la saturaci    n      | 2.5      | %         | ISO 62         |
| Absorci    n de agua hasta la saturaci    n      | 9        | %         | ISO 62         |
| Resistencia al impacto con entalla (Charpy)      | 5.5      | kJ/m      | ISO 179/1eA    |

| Egenskap                         | V rde | Enhet     | Standard       |
|----------------------------------|-------|-----------|----------------|
| Coeficiente de expansi n t rmica | 0.9   | 10   /K   | ISO 11359      |
| Dureza Shore D                   | 82    |   Shore D | DIN EN ISO 868 |
| Dureza a la presi n de bala      | 150   | MPa       | ISO 2039-1     |

## 2. Kemisk best ndighet

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

| Kemikalie               | Konc.   | Resultat |
|-------------------------|---------|----------|
| 1,4-Dioxane             | 100     | ●        |
| 2-Hydroxypropionic Acid | 90      | ●        |
| Acetic Acid             | 100     | ●        |
| Acetone                 | 100     | ●        |
| Ammonia                 | conc.   | ●        |
| Ammonium Chloride       |         | ●        |
| Amyl Alcohol            |         | ●        |
| Apple Juice             |         | ●        |
| Benzene                 |         | ●        |
| Bleaching Solution      | 12.5 cl | ●        |
| Boric Acid              | 100     | ●        |
| Brake Fluid             |         | ●        |
| Butyl Acetate           |         | ●        |
| Calcium Chloride        |         |          |
| Carbon Disulfide        | 100     |          |
| Carbon Tetrachloride    |         |          |
| Chlorine (gas)          | 100     |          |
| Chlorobenzene           | 100     |          |
| Chloroform              |         |          |
| Citric Acid             | 10      |          |
| Cresol                  |         |          |
| Cyclohexanone           | 100     |          |
| Cyclohexene             | 100     |          |
| Diesel Fuel             |         |          |
| Diethylene Oxide        |         |          |
| Ethyl Acetate           | 100     |          |
| Ethyl Alcohol           | 96      |          |

| Kemikalie                        | Konc.       | Resultat    |
|----------------------------------|-------------|-------------|
| Ethylene Chloride                | 100         | <div></div> |
| Food Oil                         | â€”         | <div></div> |
| Formaldehyde (aqueous)           | 40          | <div></div> |
| Formic Acid                      | 10          | <div></div> |
| Frost Protection Agent           | â€”         | <div></div> |
| Fuel (aromatic free)             | â€”         | <div></div> |
| Glycerine                        | 100         | <div></div> |
| Glycol                           | 100         | <div></div> |
| Heating Oil                      | â€”         | <div></div> |
| Heptane                          | 100         | <div></div> |
| Hydrochloric Acid                | 10          | <div></div> |
| Hydrochloric Acid (concentrated) | conc.       | <div></div> |
| Hydrofluoric Acid                | 40          | <div></div> |
| Hydrogen Peroxide                | 10          | <div></div> |
| Hydrogen Sulfide (aqueous)       | â€”         | <div></div> |
| Isopropyl Alcohol                | 100         | <div></div> |
| Linseed Oil                      | â€”         | <div></div> |
| Mercurochrome                    | â€”         | <div></div> |
| Methyl Alcohol                   | 100         | <div></div> |
| Methyl Ethyl Ketone (MEK)        | 100         | <div></div> |
| Methylene Chloride               | 100         | <div></div> |
| Milk                             | â€”         | <div></div> |
| Mineral Oils (aromatic free)     | â€”         | <div></div> |
| Nitric Acid                      | 10          | <div></div> |
| Nitric Acid                      | 50          | <div></div> |
| Nitrobenzene                     | â€”         | <div></div> |
| Oxalic Acid                      | â€”         | <div></div> |
| Ozone Gas                        | â‰¥ 0.5 ppm | <div></div> |
| Paraffine Oil                    | 100         | <div></div> |
| Perchloroethylene                | â€”         | <div></div> |
| Petroleum                        | 100         | <div></div> |
| Petroleum Ether                  | 100         | <div></div> |
| Phenol (aqueous)                 | ca. 9       | <div></div> |
| Phosphoric Acid                  | 50          | <div></div> |
| Potassium Hydroxide liquor       | 50          | <div></div> |

| Kemikalie                  | Konc.  | Resultat |
|----------------------------|--------|----------|
| Premium Fuel               | â€”    | ●        |
| Propyl Alcohol             | â€”    | ●        |
| Pyridine                   | â€”    | ●        |
| Silicone Oil               | â€”    | ●        |
| Sodium Carbonate (aqueous) | â€”    | ●        |
| Sodium Chloride (aqueous)  | â€”    | ●        |
| Sodium Hydrogen Sulfite    | â€”    | ●        |
| Sodium Hydroxide liquor    | 60     | ●        |
| Sodium Hydroxide liquor    | 15     | ●        |
| Sodium Nitrate (aqueous)   | â€”    | ●        |
| Sodium Thiosulfate         | â€”    | ●        |
| Sulfuric Acid              | 96     | ●        |
| Tetrahydrofuran (THF)      | 100    | ●        |
| Toluene                    | 100    | ●        |
| Transformer Oil            | â€”    | ●        |
| Trichloroethylene          | 100    | ●        |
| Vinegar (standard)         | 5 - 10 | ●        |
| Water                      | â€”    | ●        |
| Xylene                     | â€”    | ●        |