



# PMMA E 2050x1250x2 mm lÃ¤pinÃ¤kyvÃ¤ 92%

Artikelnr P1200657

## 1. Tekniskt datablad

| Egenskap                                          | VÃ¤rde | Enhet    | Standard    |
|---------------------------------------------------|--------|----------|-------------|
| Tiheys                                            | 1.19   | g/cmÃ³   | ISO 1183    |
| Venymisrajan jÃ¤nnitys                            | 72     | MPa      | ISO 527     |
| Joustavuusmoduli (vetolujuus)                     | 3300   | MPa      | ISO 527-2   |
| Murtolujuus                                       | 70     | MPa      | ISO 527-2   |
| MurtovenymÃ¤                                      | 5      | %        | ISO 527-2   |
| Sulamispiste                                      | 160    | Ã°C      | ISO 3146    |
| Maksimaalinen kÃ¤yttÃ¤lÃ¤mpÃ¶tila (lyhytaikainen) | 107.5  | Ã°C      | UL746B      |
| Maksimi kÃ¤yttÃ¤lÃ¤mpÃ¶tila                       | 75     | Ã°C      |             |
| Alin lÃ¤mpÃ¶tila                                  | -40    | Ã°C      |             |
| LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A)                            | 95     | Ã°C      | ISO 75      |
| LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B)                            | 100    | Ã°C      | ISO 75      |
| Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)            | 103    | Ã°C      | ISO 306     |
| Dielektrinen voimakkuus                           | 30     | kV/mm    | IEC 60243-1 |
| Tilavuusresistanssi                               | 10Ã¹Ãµ | Ã©Ã·cm   | IEC 60093   |
| Dielektrinen vakio (1 MHz)                        | 1      | -        | IEC 60250   |
| Dielektrinen vakio (100 Hz)                       | 2.7    | -        | DIN 53483-2 |
| Dielektrinen hajoamiskerroin (1 MHz)              | 0.03   | -        | IEC 60250   |
| Dielektrinen hajoamiskerroin (100 Hz)             | 0.06   | -        | DIN 53483-2 |
| Taivutuslujuus                                    | 75     | MPa      | ISO 527-2   |
| LÃ¤mmÃ¶njohtavuus                                 | 0.19   | W/(mÃ·K) | DIN 52612   |
| Pintaresistanssi                                  | 10Ã¹Ã³ | Ã©       | IEC 60093   |
| Vertailukulkemisindeksi (CTI)                     | 600    | V        | IEC 60112   |
| Imeytymisen maksimointi                           | 2.1    | %        | ISO 62      |
| Vesihaku kyllÃ¤stymiseen                          | 2.1    | %        | ISO 62      |
| SÃ¤rkyÃ¤kesto (Charpy)                            | 1.6    | kJ/mÃ²   | ISO 179/1eA |
| IskunkestÃ¤vyys (Charpy)                          | 15     | kJ/mÃ²   | ISO 179/1eU |
| LÃ¤mpÃ¶laajenemiskerroin                          | 0.0    | 10Ã¹Ã·/K | DIN 11359   |

| Egenskap            | V rde | Enhet     | Standard   |
|---------------------|-------|-----------|------------|
| Kovuus Shore D      | 15    |   Shore D |            |
| Rockwell-kovuus     | 100   | M-scale   | ISO 2039-2 |
| Kulmapaineen kovuus | 175   | MPa       | ISO 2039-1 |

2. Kemisk best ndighet

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

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| Acetic acid             | 100%  | ●        |
| Acetone                 | 100%  | ●        |
| Ammonia                 | conc. | ●        |
| Amyl alcohol            |       | ●        |
| Apple juice             |       | ●        |
| Benzene                 |       | ●        |
| Butyl acetate           |       | ●        |
| Calcium chloride        |       | ●        |
| Carbon disulphide       | 100%  | ●        |
| Carbon tetrachloride    |       | ●        |
| Chlorine gas            | 100%  | ●        |
| Chloroform              |       | ●        |
| Citric acid             | 10%   | ●        |
| Cresol                  |       | ●        |
| Cyclohexanone           | 100%  | ●        |
| Cyclohexene             | 100%  | ●        |
| Diesel                  |       | ●        |
| Diethylene oxide        |       | ●        |
| Ethyl acetate           | 100%  | ●        |
| Ethyl alcohol (ethanol) | 96%   | ●        |
| Ethylene chloride       | 100%  | ●        |
| Formaldehyde, aqueous   | 40%   | ●        |
| Formic acid             | 10%   | ●        |
| Fuel oil                |       | ●        |
| Fuel, aromatic free     |       | ●        |
| Glycerine               | 100%  | ●        |
| Glycol                  | 100%  | ●        |



| Kemikalie             | Konc. | Resultat |
|-----------------------|-------|----------|
| Sulphuric acid        | 96%   | ●        |
| Tetrahydrofuran (THF) | 100%  | ●        |
| Toluene               | 100%  | ●        |
| Transformer oil       | â€”   | ●        |
| Trichloroethylene     | 100%  | ●        |
| Vinegar, standard     | 5-10% | ●        |
| Water                 | â€”   | ●        |
| Xylene                | â€”   | ●        |