|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Contact time (min)** | **Hydrophobicity (%)** | | | | | | | | |  |
| **K7** | **K18** | **K34** | **K40** | **K41** | **K45** | **K55** | **K64** | **K112** | **DSM 12361** |
| Toluene | 15 | 27.30±0.51Ea | 16.52±0.51Aa | 20.31±0.35Ba | 70.96±1.81Ga | 65.46±1.41Ha | 21.68±0.44Ca | 73.25±1.85Ha | 29.57±0.31Fa | 25.35±0.41Da | 25.54±0.40Da |
| 30 | 34.00±0.61Cb | 21.81±0.94Ab | 40.80±1.15Eb | 77.10±1.92Ib | 71.20±1.16Gb | 56.44±2.28Fb | 74.11±1.01Ha | 37.10±1.55Db | 36.63±0.70Db | 32.23±1.55Bb |
| 60 | 93.40±1.10Fc | 89.70±1.40Ec | 93.60±1.83Fc | 84.12±0.86Cc | 95.91±0.94Gc | 87.40±1.97Dc | 89.20±0.53Eb | 82.01±1.90Bc | 80.30±1.67Ac | 84.34±0.86Cc |
| Xylene | 15 | 37.75±2.44Ia | 7.61±0.59Ba | 24.3±1.46Fa | 34.09±0.99Ha | 17.69±1.22Ea | 14.08±0.63Da | 30.76±1.51Ga | 10.54±0.62Ca | 4.25±0.27Aa | 29.34±1.41Ga |
| 30 | 39.61±1.34Ea | 28.56±0.75Cb | 69.99±3.53Hb | 45.54±1.24Gb | 46.98±1.66Gb | 17.16±0.85Bb | 44.99±0.81Gb | 34.16±0.88Db | 5.73±0.37Aa | 43.44±0.54Fb |
| 60 | 45.89±3.87Bb | 62.34±1.94Cc | 78.17±4.17Ec | 65.64±4.38Dc | 77.37±2.97Ec | 48.53±1.08Bc | 76.64±2.37Ec | 46.81±1.04Bc | 31.91±0.94Ab | 46.77±0.82Bc |