|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Solvent |  | Novozym 435 | | |  | MH-O | MH-OA |
| **Vtot.[Hg]\***  **[cm3/g]** | **SBET\*\* [m2/g]** | **Vmesp.[N2] [cm3/g]** | **Relative activity** |  | **Relative activity** | **Relative activity** |
| - | 1.21 | 59 | 0.48 | 1.00 |  | 1.00 | 1.00 |
| Ethyl acetate | 0.53 | - | - | 0.22 ±0.01 |  | 1.00 ±0.05 | 0.66 ±0.01 |
| Hexane | - | 67 | 0.51 | 1.00 ±0.12 |  | 1.00 ±0.01 | 1.00 ±0.01 |
| Butanol | 0.36 | 11 | 0.08 | 0.87 ±0.06 |  | 1.00 ±0.05 | 0.86 ±0.02 |
| Acetone | - | 3 | 0.07 | 0.84 ±0.06 |  | 0.87 ±0.03 | 0.97 ±0.00 |
| Diisopropyl ether | 0.99 | 53 | 0.53 | 0.97 ±0.18 |  | 1.00 ±0.08 | 0.92 ±0.10 |
| Acetonitrile | 0.37 | 1 | 0.07 | 0.72 ±0.04 |  | 0.95 ±0.03 | 0.83 ±0.11 |
| Toluene | - | - | - | 1.00 ±0.03 |  | 0.97 ±0.12 | 0.98 ±0.08 |
| Chloroform | - | - | - | 1.00 ±0.04 |  | 0.95 ±0.01 | 0.91 ±0.00 |

**Table 2.** Pore structure parameters of N435 and relative activity of N435 and MH catalysts after 24 h incubation in organic solvents.

\* Hg porosimetry for selected samples

\*\* For Novozym 435 incubated in ethyl acetate, toluene and chloroform low temperature nitrogen adsorption measurements were not carried out because of degassing problems