|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TABLE 2. Physiochemical properties of composite membrane. | | | | | | | | |
| **Parameter** | | **Support** | **PF0** | **PF1** | **PF2** | **PF3** | **PF4** | **PF5** |
| Avg pore size (nm) | | 14 | 14 | 3.6 | 2.8 | 1.9 | **-** | **-** |
| Active layer thickness (mm) | | - | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Pure water flux (Lm-2 h-1) | | 325 | 202.4 | 84.4 | 48 | 5.6 | 0 | 0 |
| Contact angle (°) | | - | 32.4 | 39.5 | 46.9 | 52 | 57.1 | 63.9 |
| Chemical stability (wt.loss%) | pH 2 | - | Not stable | 1.1 | 1.2 | 1.5 | 1.6 | 1.7 |
| pH 12 | - | Not stable | 0.18 | 0.11 | 0.35 | 0.06 | 0.06 |