

## CERAMIC MEMBRANES SUSEP SERIES

### Performance Characteristics

In the application environment of ultra-high temperature, ultra-high acid and alkali, high oxidation and high pollution, the use of organic membrane is extremely limited. Therefore, AMESTEC has introduced the Susep series ceramic separation membrane, which is a high-tech in the field of nano-grade separation. It has good corrosion resistance, high temperature resistance and so on. Susep series ceramic separation membrane covers three levels of microfiltration, ultrafiltration and nanofiltration.

### Membrane Parameters

| Product models                               | MWCO(Da)    | Operating temperature | Acid and base resistance |
|----------------------------------------------|-------------|-----------------------|--------------------------|
| Ceramic microfiltration membrane<br>Susep MF | 0.1um~1um   | -10~150°C             | 50%~80%                  |
| Ceramic ultrafiltration membrane<br>Susep UF | 2000~100000 | -10~150°C             | 50%~80%                  |
| Ceramic nanofiltration membrane<br>Susep NF  | 200,450,750 | -10~150°C             | 50%~80%                  |