

Figure 1: SEM image of ceramic membrane cross-section showing the membrane top-layer on asymmetric support

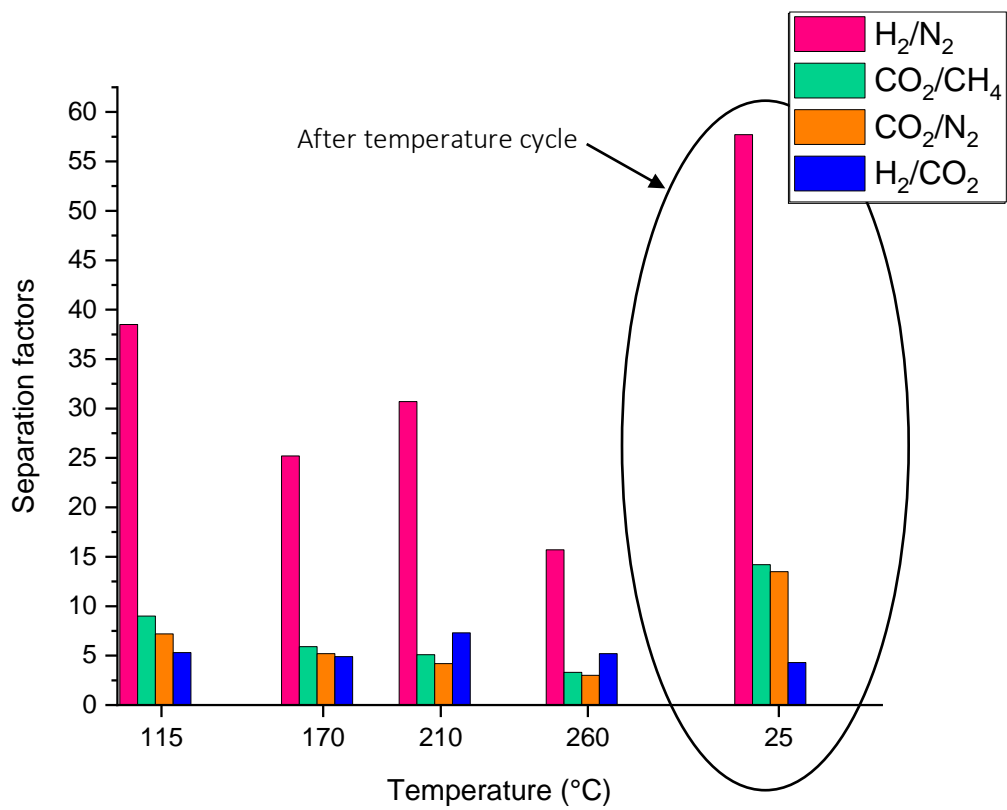


Figure 2: Influence of the temperature working condition on a 500 MLD cycles alucone membrane post-treated at  $300^\circ\text{C}$  for 2h under  $\text{N}_2$  atmosphere (error)