k permeability of one honeycomb, D = 4.10^{-3} m , ⌀ = 103.10^{-2} m
μ is the viscosity of air = $1{,}8.10^{-5}$ Pa.s, for one honeycomb L = $16{,}5.10^{-2}$ m

$k = AS / (A1+A2)$

$A1 = A2 = (D^2.\sqrt{3}) / 4$

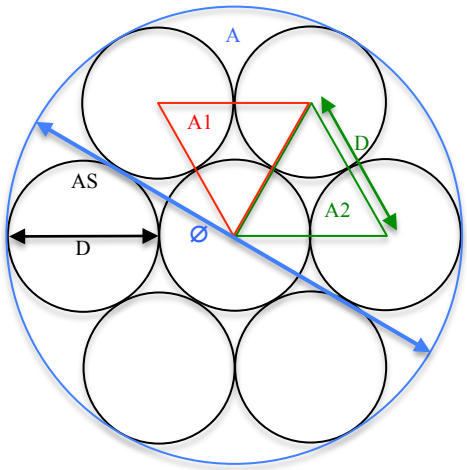
$AS = (\pi.D^2) / 4$

So : $k = [(\pi.D^2) / 4] / [2.(D^2.\sqrt{3}) / 4]$

Or $k = [(\pi.D^2) / 4] / [(D^2.\sqrt{3}) / 2]$, So $\boxed{k = \pi / (2.\sqrt{3})}$

$A = (\pi.⌀^2) / 4$

$\boxed{V = (k.A.\Delta P) / (2.\mu.L)}$



$\boxed{V \approx 1{,}27.10^{5}.\Delta P}$!?