LIBRO: Richard J. Wakeman and E.S. Tarleton. 2005. Filtration: Equipment Selection, Modeling and Process Simulation. Pag. 110.

Table 4.1 Specific resistances and equilibrium porosities of some filter cakes (from Shirato et al, 1987)

Particle type	α ₀ (m kg ⁻¹ kPa ⁻ⁿ)	n	ε_0	λ	p_s (kPa)	Investigator
Alumina	2.37x10 ⁸	0.30	0.96	0.010	7 000	Grass
Alumina	2.37X 10°	0.30	0.73	0.010	7-689 82-489	Grace
Aluminium hudrovido	3.32x10 ¹¹	0.34	0.73	0.0047	173-689	Lindquist Carman
Aluminium hydroxide Asbestos	3.32X IU.	0.34	1.06	0.017		Tiller
				0.017	52-689	
Calcium carbonate			0.895	0.017	1-48	Ruth
:- d:-t:ll-dt	0.00109	0.00	0.755	0.036	70-345	Walas
- in distilled water	8.93x10 ⁹	0.20	1.04	0.033	7-689	Grace
- in Na ₄ P ₂ O ₇ solution	4.69x10 ¹⁰	0.13	0.795	0.013	34-689	Grace
Carbon			0.845	0.021	82-758	Lindquist
Carbonyl iron			0.425	0	14-6895	Grace
Celite			1.05	0.017	82-414	Lindquist
Cement			0.82	0.058	150-340	Shirato
	2.22x10 ¹⁰	0.298			100-880	Shirato
Clay						
 colloidal 	7.43x10 ¹¹	0.16			173-689	Carman
 Hara gairome 	1.44x10 ¹¹	0.612			100-880	Shirato
 Mitsukuri gairome 	7.82x10 ⁹	0.669			100-880	Shirato
Copper oxide			0.505	0.021	82-589	Lindquist
Ferric hydroxide	2.59x10 ¹¹	0.39			173-689	Grace
Ferric oxide			1.12	0.037	70-345	Walas
Hyflo Super-Cel			0.995	0.014	10-689	Tiller
Kaolin			88.0	0.045	10-689	Tiller
 in Al₂(SO₄)₃ solution 	4.76x10 ¹⁰	0.27	0.9	0.049	7-689	Grace
 in Na₄P₂O₇ solution 			0.79	0.031	7-689	Grace
 Hong Kong pink 	6.48×10 ⁹	0.485	1.0	0.047	1-880	Shirato
- Korean			1.03	0.06	50-340	Shirato
– Shinmei			0.98	0.046	6-690	Shirato
Magnesium carbonate			1.1	0.011	70-345	Walas
Magnesium hydroxide	1.35x10 ¹⁰	0.47			173-689	Carman
Talc, in Al ₂ (SO ₄) ₃ solutio	n 7.05x10 ⁸	0.51	1.39	0.054	7-689	Grace
Titanium dioxide						
- in distilled water	1.27x10 ¹⁰	0.32	1.12	0.038	7-689	Grace
- in HCl solution	9.29x10 ¹¹	0.058			7-689	Grace
Zinc sulphide	1.48x10 ⁹	0.92	1.36	0.047	7-689	Grace

 α_0 : specific resistance at unit applied pressure or at zero applied pressure.

n: compressibility index or the number or pores or the number of particles in suspension.

 $[\]epsilon_0$: porosity at unit applied pressure or a zero applied pressure.

 $[\]lambda$: pore size distribution index.

ps: compressive drag pressure acting on the solids in a filter cake.