

ADDITIONAL INFORMATION

A1. Example of the Pore Network's Data structure

A.1.1 Connectivity Matrix

Node	Z	Pore Label				CF
1	0	0	0	0	0	-2
2	1	1	0	0	0	-2
3	1	2	0	0	0	-2
4	0	0	0	0	0	-2
5	1	3	0	0	0	-2
6	4	-1	-3	4	5	0
7	4	-2	-4	6	7	0
8	1	-6	0	0	0	-2
9	1	8	0	0	0	-2
10	4	-5	-8	9	10	0
11	4	-7	-9	11	12	0
12	1	-11	0	0	0	-2
13	0	0	0	0	0	-2
14	1	-10	0	0	0	-2
15	1	-12	0	0	0	-2
16	0	0	0	0	0	-2

A.1.2 Pore dimensions and Connections

Pore	Length	Diameter	Node_1	Node_2	Pseudo Diameter
1	1.50E-08	2.50E-09	2	6	2.28E-09
2	1.50E-08	2.81E-09	3	7	3.23E-09

3	1.50E-08	3.23E-09	5	6	9.53E-09
4	1.50E-08	9.53E-09	6	7	3.65E-09
5	1.50E-08	3.65E-09	6	10	3.23E-09
6	1.50E-08	3.23E-09	7	8	7.37E-09
7	1.50E-08	3.96E-09	7	11	3.96E-09
8	1.50E-08	2.28E-09	9	10	7.37E-09
9	1.50E-08	4.95E-09	10	11	2.81E-09
10	1.50E-08	2.41E-09	10	14	3.96E-09
11	1.50E-08	5.52E-09	11	12	2.28E-09
12	1.50E-08	7.37E-09	11	15	3.96E-09