

Table 2. mechanical properties of biocompatible membranes

No.	Identity	Compression modulus (MPa) ^a (MPa)	Tensile Modulus ^b (MPa)	Tensile strength ^b (MPa)
1	CA-NC	3.43 ± 0.64	102 ± 8.7	3.60 ± 0.19
2	CA	3.58 ± 0.49	565 ± 21.4	14.8 ± 0.15
3	JN	6.91 ± 3.12	707 ± 17.2	23.8 ± 0.81
4	PP	5.99 ± 2.32	143 ± 6.9	2.56 ± 0.06
5	NC	3.54 ± 1.02	397 ± 5.0	9.37 ± 0.24
6	PVDF	3.68 ± 0.78	170 ± 5.3	2.63 ± 0.12
7	PC	3.96 ± 0.58	662 ± 88.0	19.2 ± 0.75
8	PTFE	3.04 ± 1.57	188 ± 8.3	5.10 ± 0.05
9	PS	5.95 ± 0.91	3972 ± 95.2	–

^aMeasured using atomic force microscope (Veeco). ^bMeasured using material testing machine (Instron). Data are presented as mean ± SD.