

Particle Size Correlation Table

size [μm]	beads/g	capacity/bead [nmol] (for Polystyrene, = 1 mmol/g)	capacity/bead [nmol] (for TentaGel [®] S, = 0.28 mmol/g)
750	4,620	232	65 *
700	5,010	196	55 *
650	6,260	157	44 *
600	7,960	125	35 *
550	10,340	96	27 *
500	13,760	71	20 *
450	18,870	53	15 *
400	26,870	36	10 *
350	40,110	25	7 *
300	63,690	14	4
250	110,060	9	2.5
200	214,970	4.6	1.3
180	294,880	3.4	0.94
150	509,550	2	0.55
130	782,770	1.3	0.35
100	1.72×10^6	0.6	0.16
90	2.86×10^6	0.4	0.1
35	4.55×10^7	22×10^{-3}	6.2×10^{-3}
20	2.4×10^8	3.6×10^{-3}	1×10^{-3}
10	1.95×10^9	3.6×10^{-4}	1.3×10^{-4}
5	1.54×10^{10}	6.4×10^{-5}	1.8×10^{-5}

Table 2: Correlation of particle size, number of beads per gram resin and capacity per single bead.

* = particle size not available