

Polymer Labs SEC Phases

PL aquagel-OH

PL aquagel-OH columns are packed with macroporous copolymer beads with a hydrophilic polyhydroxyl functionality. They have a pH range of 2 - 10 and are highly versatile for the analysis of neutral, ionic and polar water-soluble polymers. Different pore size phases are available, enabling the fractionation of molecules up to a molecular weight of greater than 10 million. In addition to the individual pore size phases, MIXED columns cover a wide range of molecular weights.

Phase Specifications and Ordering Information

PL aquagel-OH Phase	Particle Size (µm)	MW Range (g/mol) (PEG/PEO)	Column Dimensions (mm)	Part No.	Price
30	8	100 – 30,000	300 x 7.5 ¹	1120-6830	
40	8	10,000 – 200,000	300 x 7.5 ¹	1149-6840	
50	8	50,000 – 1,000,000	300 x 7.5 ¹	1149-6850	
60	8	200,000 – >10,000,000	300 x 7.5 ¹	1149-6860	
MIXED-H	8	100 – 10,000,000	300 x 7.5 ¹	1149-6800	

¹ Use with guard column 1149-1840

PLgel GPC Columns

Traditional PLgel individual pore size GPC columns offer high resolution over a specific weight range.

PLgel GPC Phase Specifications and Ordering Information

Pore Size (Å)	Particle Size (µm)	Linear MW Operating Range (g/mol) (PS)	Part No. Column (5µm, 300 x 7.5mm ¹)	Price	Part No. Column (10µm, 300 x 7.5mm ²)	Price
50	5, 10	up to 2,000	1110-6515		1110-6115	
100	3, 5, 10	up to 4,000	1110-6520		1110-6120	
500	5, 10	500 – 30,000	1110-6525		1110-6125	
1000	5, 10	500 – 60,000	1110-6530		1110-6130	
10,000	5, 10	500 – 60,000	1110-6540		1110-6140	
100,000	5, 10	10,000 – 600,000	1110-6550		1110-6150	

¹ Use with guard column (50 x 7.5mm) 1110-1520

² Use with guard column (50 x 7.5mm) 1110-1120

The PLgel MIXED range simplifies column selection, as each column contains a mixture of individual pore size materials to cover a broad range of molecular weights.

PLgel MIXED Phase Specifications and Ordering Information

Phase	Particle Size (µm)	Linear MW Operating Range (g/mol) (PS)	Part No. Column (300 x 7.5mm)	Price	Part No. Guard (50 x 7.5mm)	Price
MIXED-A	20	2,000 – 40,000,000	1110-6200		1110-1220	
MIXED-B	10	500 – 10,000,000	1110-6100		1110-1120	
MIXED-C	5	200 – 2,000,000	1110-6500		1110-1520	
MIXED-D	5	200 – 400,000	1110-6504		1110-1520	
MIXED-E	3	up to 30,000	1110-6300		1110-1320	