

Agilent PLgel MIXED LS

- Eliminates particle leakage to improve data quality with light scattering detection

AGILENT PLgel MIXED-LS COLUMNS				
PART NO	DESCRIPTION	SIZE	LINEAR MW OPERATING RANGE (g/mol) (PS)	TYPICAL EFFICIENCY (p/m)
PL1110-6100LS	PLgel 10 µm MIXED-B LS,	7.5 x 300 mm	500 – 10,000,000	>35,000
PL1110-6200LS	PLgel 20 µm MIXED-A LS	7.5 x 300 mm	2,000 – 10,000,000	>18,000
PL1110-1120	PLgel 10 µm Guard	7.5 x 50 mm		
PL1110-1220	PLgel 20 µm Guard	7.5 x 50 mm		

Agilent PLgel MiniMIX Narrow Bore

- Use about 70% less solvent and save money
- Store less solvent and increase operator safety
- High performance comparable to Agilent's conventional ID columns

AGILENT PLgel MINIMIX NARROW BORE 4.6 X 250 mm				
PART NO	DESCRIPTION	LINEAR MW OPERATING RANGE (g/mol) (PS)	TYPICAL EFFICIENCY (p/m)	
PL1510-5200	PLgel 20 µm MiniMIX-A	2,000 – 40,000,000	>17,000	
PL1510-5100	PLgel 10 µm MiniMIX-B	500 – 10,000,000	>35,000	
PL1510-5500	PLgel 5 µm MiniMIX-C	200 – 2,000,000	>50,000	
PL1510-5504	PLgel 5 µm MiniMIX-D	200 – 400,000	>50,000	

TECH TIP

To maintain the same linear velocity through the columns, the volumetric flow rate must be reduced to 0.3 mL/min in line with the column cross section area, resulting in significantly lower solvent consumption. Sample loading should also be scaled down in line with reduced column volume, and system dead volume should be minimized to avoid excessive band broadening.

Reduce the size of peaks when using a refractive index detector by preparing the samples in the eluent that is flowing in the system.

Agilent PLgel Olexis Columns

- Analyzing polymers of very high molecular weight
- Optimized design for polyolefin analysis
- High temperature capability
- High resolution with no damage from sample shear provides clean separations

AGILENT PLGEL OLEXIS COLUMNS		
PART NO	DESCRIPTION	SIZE
PL1110-6400	PLgel Olexis	7.5 x 300 mm
PL1110-1400	PLgel Olexis Guard	7.5 x 50 mm

TECH TIP

Remember to heat and cool columns for high temperature analysis slowly to avoid damage from thermal shock.