Commercial Polyethylene

Application
Polymers
Robert Ricker

Highlights

• HPSEC of polyethylene requires operation at elevated temperature (e.g. 140°C) and with aggressive solvent systems - (o-dichlorobenzene).

• ZORBAX PSM size exclusion columns are very stable with use of aggressive solvent systems.

Conditions: Instrument: DuPont HTSEC - System 1
ZORBAX PSM Bimodal Set (Agilent P/N: 880957-914)
Mobile Phase: o-Dichlorobenzene; Flow Rate: 0.75 ml/min.
Temperature: 140°C Detector: Infrared (3.4 µm)
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