



Product Profile

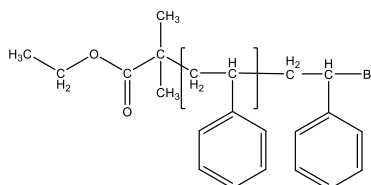
Identification

Product Name: Poly(styrene), α -bromo-terminated

(Macroinitiator for ATRP)

Product Lot Number: P45009D-SBr

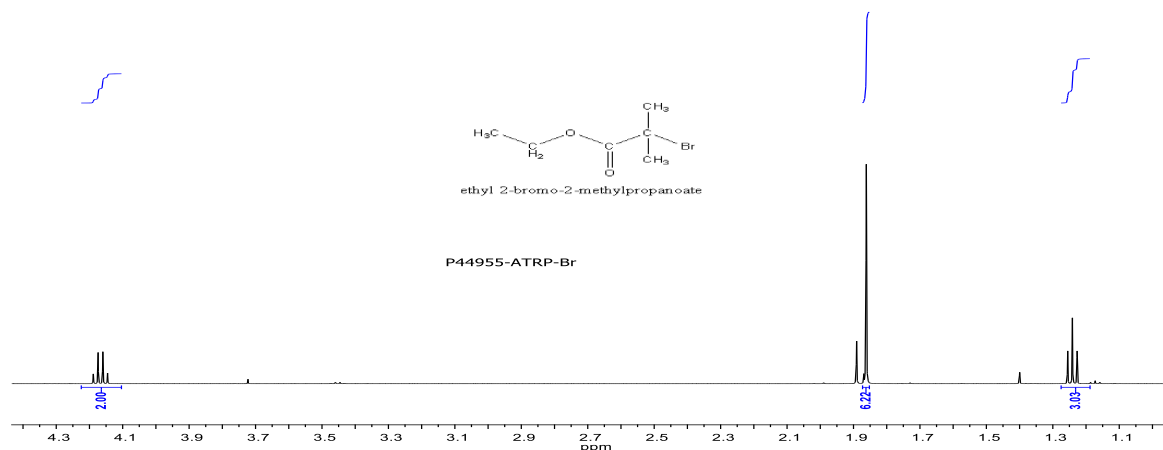
Chemical Architecture:



Composition:

Mn (g/mole)	7,000
Mw (g/mole)	7,100
Mw/Mn	1.05

Method of Synthesis: Br-terminated polystyrene was synthesized by ATRP using following ATRP reagent:



Solubility in different solvents:

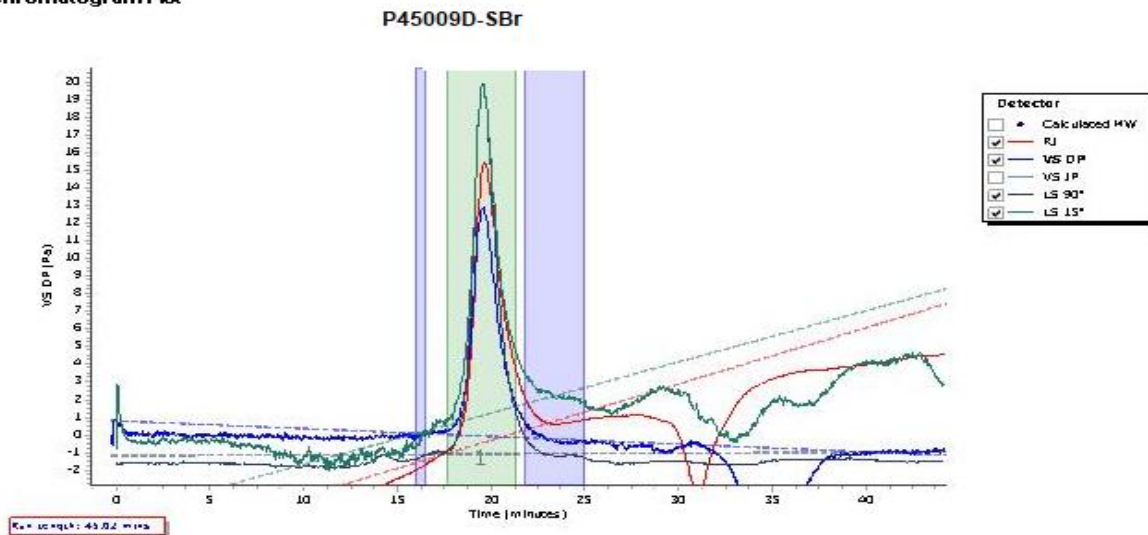
THF	√	Methanol	X
CHCl3	√	Hexane	X
Toluene	√		



Polymer Source,™ Inc.

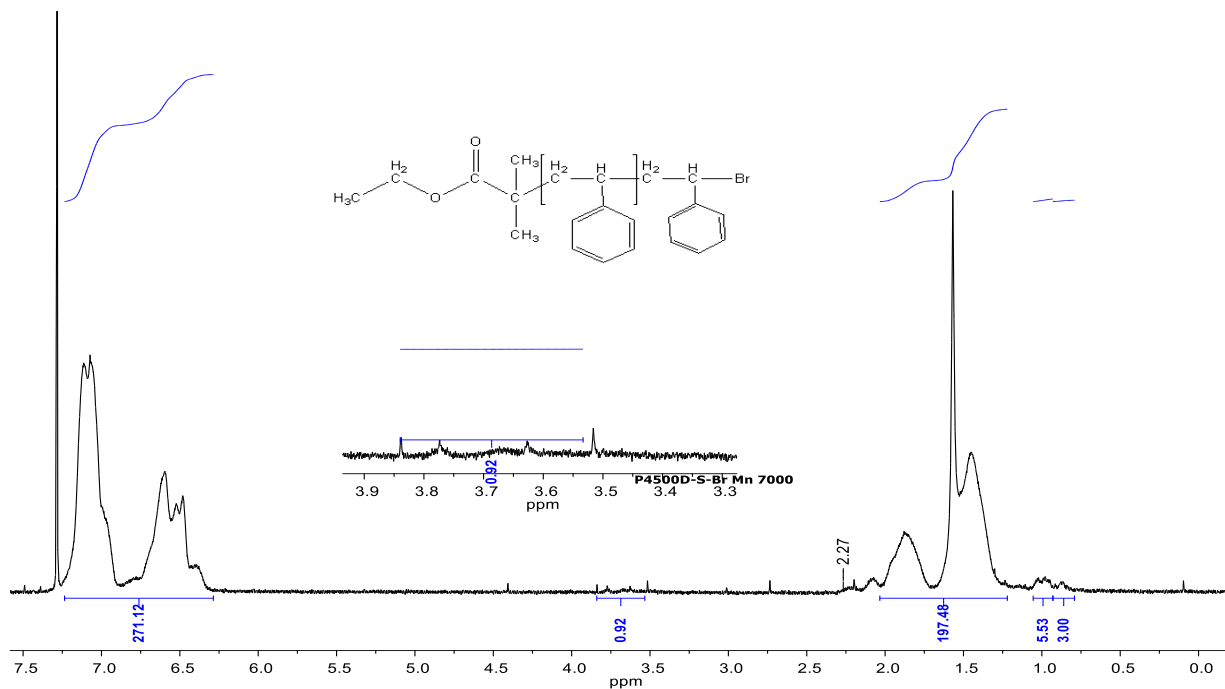
Validation of Architecture: The product was characterized by size exclusion chromatography (SEC) in THF.

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	7408	6844	7088	7338	7592	7342	1.036



124 avenue Avro, Dorval (Montreal)
 Quebec H9P 2X8 Canada
 Phone : +1-514-421-5517 or +1-514-421-5506
support@polymersource.com
www.polymersource.ca



124 avenue Avro, Dorval (Montreal)
Quebec H9P 2X8 Canada
Phone : +1-514-421-5517 or +1-514-421-5506
support@polymersource.com
www.polymersource.ca