



## Product Profile

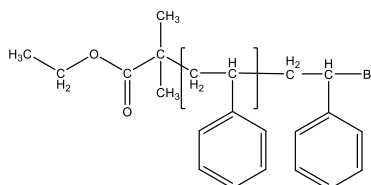
### Identification

**Product Name:** Poly(styrene),  $\alpha$ -bromo-terminated

(Macroinitiator for ATRP)

**Product Lot Number:** P45009B-SBr

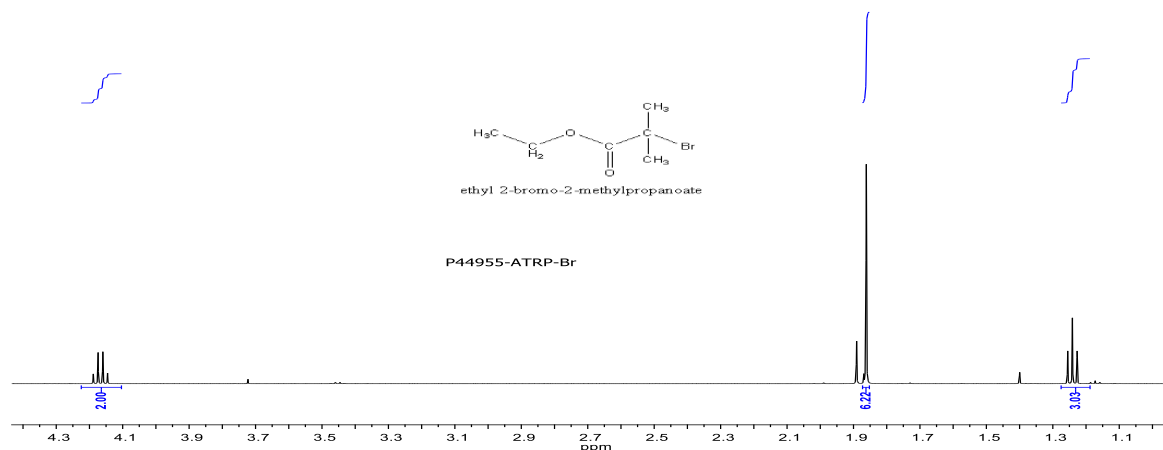
**Chemical Architecture:**



**Composition:**

Mn (g/mole)	28,000
Mw (g/mole)	40,000
Mw/Mn	1.4

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



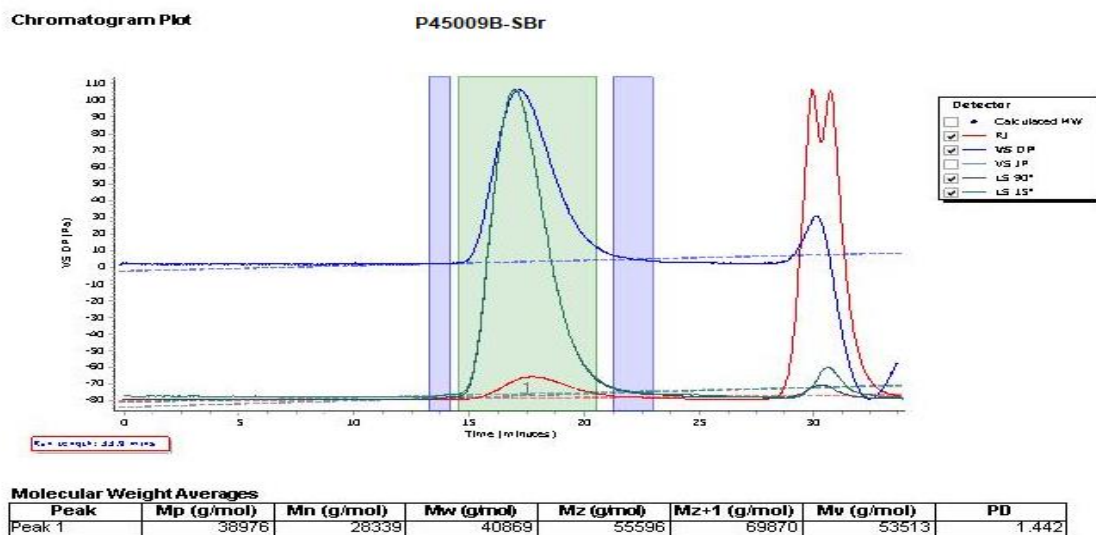
**Solubility in different solvents:**

THF	√	Methanol	X
CHCl3	√	Hexane	X
Toluene	√		



**Polymer Source,™ Inc.**

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



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