

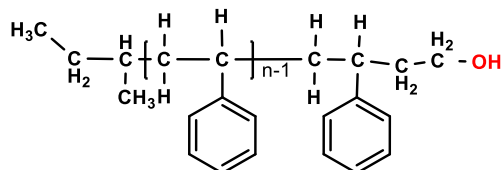
Product Profile

Identification

Product Name: Oligo(styrene), ω -hydroxy-terminated

Sample #: P45720-SOH

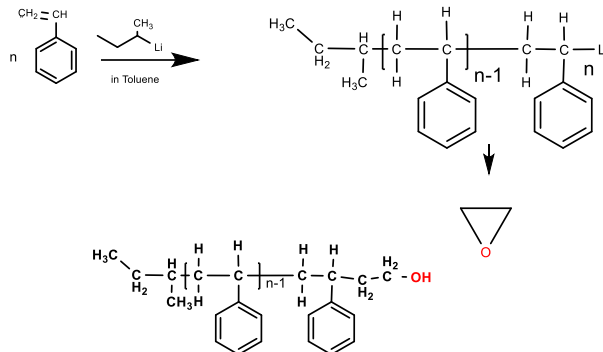
Structure:



Composition:

Mn x 10 ³	Mw/Mn (PDI)	Dp of copolymer by HNMR
1.0	1.09	DP:10

Method of Synthesis.



Solubility in different solvents: depending on the compositions

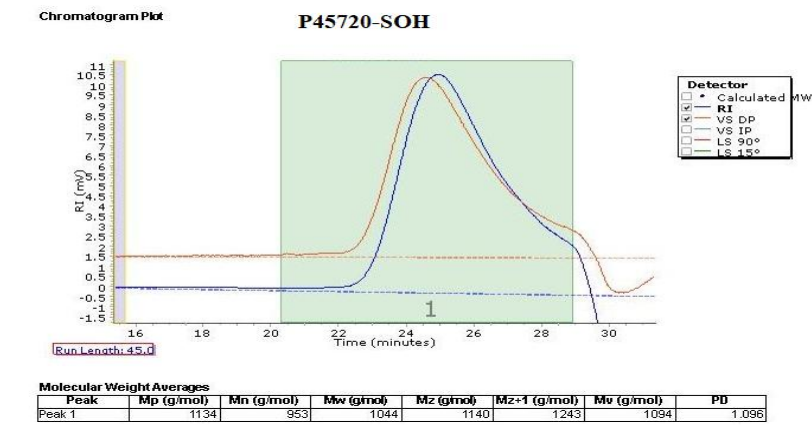
THF	✓	Acetone	✓		
CHCL ₃	✓	DMF	✓		

Purification of Polymer: By Column packed with neutral Al₂O₃ to remove inorganic salt

Validation of Architecture:

A. Gel Permeation Chromatography (GPC), SEC- Profile

In THF solvent with 0.4 (Et)₃N as additive. Temperature of column 30°C flow rate 1.0 ml. The values are with respect to polystyrene dn/dc values 0.184 ml/g;



B. NMR (^1H NMR) of CL

