

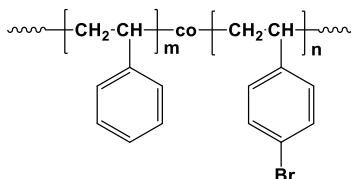
Product Profile

Identification

Product Name: Poly(styrene-co-4-bromostyrene), random

Product Lot Number: P44475-S4BrSran

Product Chemical Architecture:



Composition:

4BrS	48 mole%
Mn (g/mole)	27,000
MW (g/mole)	29,000
MW/Mn	1.07
dn/dc (mL/g)	0.184

Method of Synthesis

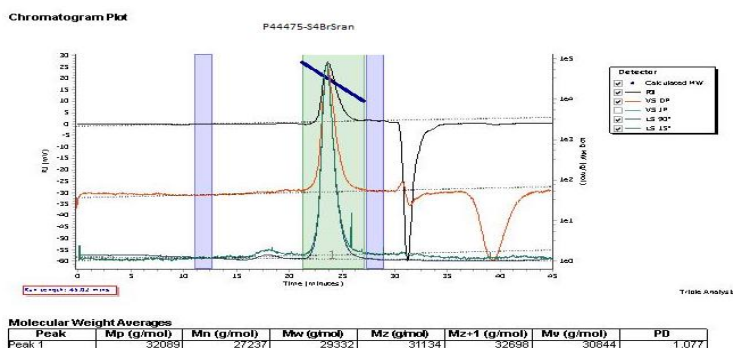
The polymer is prepared from a mixture of 4 BrS and Styrene monomer using RAFT process.

Solubility in different solvents

THF	√	DMF	√
Alcohol	X	CHCl3	√
Toluene	√	DMSO	X

Validation of Architecture

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



B. HNMR of spectrum polymer:

