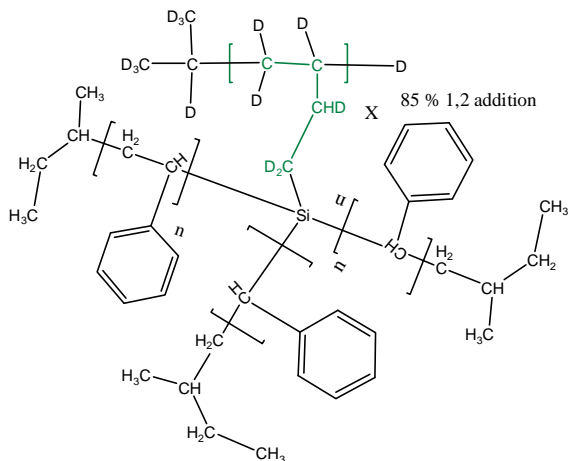


Sample Name:

**Multiarm Polystyrene (protons-containing) grafted on deuterated Polybutadiene**

Sample # **P18827B-14S**

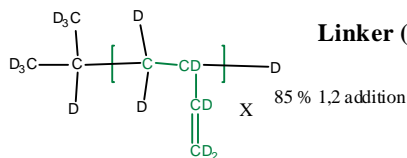
**14-arm Polystyrene**



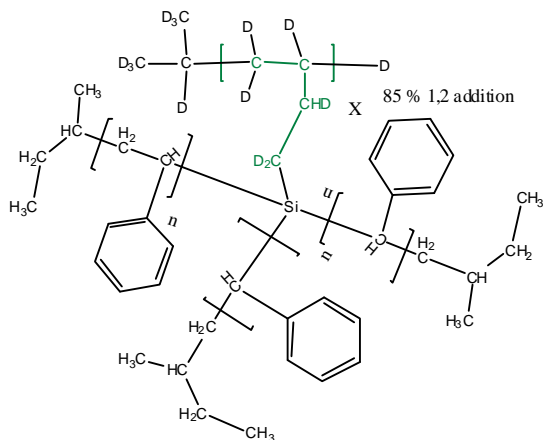
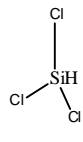
**Composition:**

$M_n \times 10^3$ of one PS arm (g/mol)	Total $M_n \times 10^3$ (g/mol)	PDI
1.2	16.8	1.14

**Synthesis:**



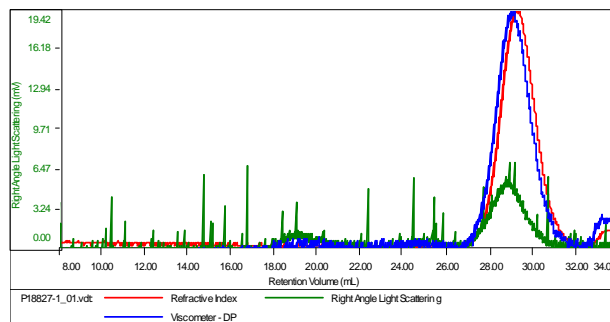
**Linker (core): Lot# P18818.**



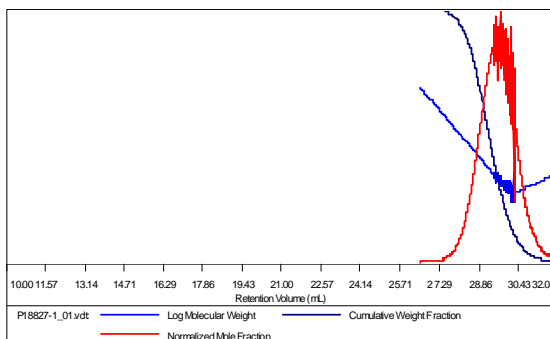
**SEC elugram of PS arm:**

**Sample ID: P18827-S Branch**

Concentration (mg/mL)	14.6759
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-august 5-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



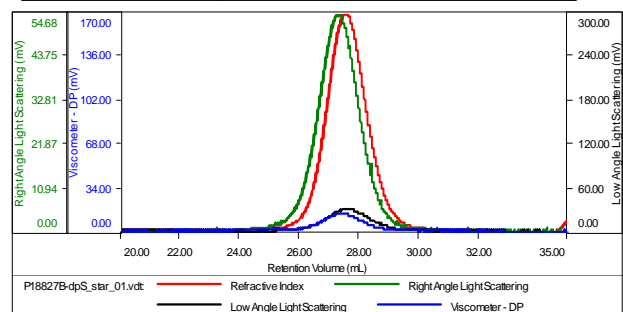
Sample	Mn	Mw	Mp	Mw/Mn	IV
P18827-1_01.vdt	1,232	1,591	1,358	1.291	0.0325



**SEC elugram of multiarm PS:**

**Sample ID: P18827b-dPS star**

Concentration (mg/mL)	5.4260
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-0803-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P18827b-dPS_star_01.vdt	16,749	19,166	17,349	1.144	0.0862