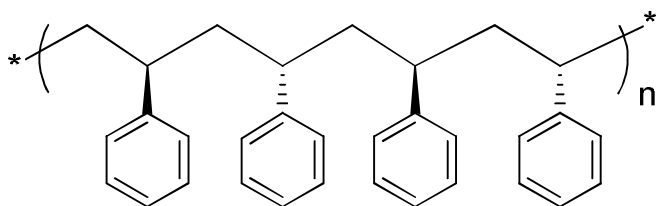


Sample Name: **Polystyrene, *syndiotactic***

Sample # **P2270-S**

Structure:



Composition:

Mv x 10 ³ (g/mol)	Syndiotactic
250	≥ 90%

CAS Number: 9003-53-6.

Physical form: white granules.

Synthesis procedure:

Syndiotactic polystyrene was synthesized by ionic-coordination polymerization method.

Characterization:

Average molecular weight of the polymer was determined by measuring its viscosity in 1,2,4-trichlorobenzene at 140°C.

Solubility:

Polystyrene is soluble in chloroform, toluene, THF, DMF. It precipitates from hexanes, methanol, ethanol, water.