

## Substances involved in the synthesis of polystyrene

Usual name	IUPAC name
4- <i>tert</i> -butylcatechol	4- <i>tert</i> -butylbenzene-1,2-diol
Alumina	Alumina
Anhydrous calcium chloride	Anhydrous calcium chloride
Benzoyl peroxide	Benzoyl peroxide
Calcium chloride	Calcium chloride
Methanol	Methanol
Polystyrene	Polystyrene
Sodium hydroxide (10% solution)	Sodium hydroxide (10% solution)
Sodium hydroxide (dilute solution)	Sodium hydroxide (dilute solution)
Styrene	Vinylbenzene
Toluene	Toluene
Water	Water