



## Technical Data Sheet

**MATERIAL:** Poly(2,4,6-tribromostyrene)

**CATALOG NUMBER:** 166

**CAS NUMBER:** 88497-56-7

**DESCRIPTION:** Brominated polystyrene

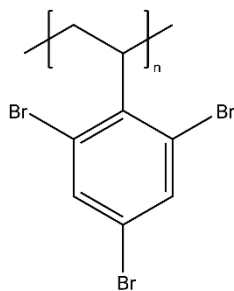
**FORMULA:**  $(C_8H_5Br_3)_x$

**TYPICAL PROPERTIES:**

Appearance:	Powder
Bromine content:	66% minimum
Chlorine content:	1%
Approx Mw:	230,000 [GPC]
Density:	2.1
Glass transition temp:	195°C
Softening point:	220°C
Solubility:	THF; insoluble in water

**GENERAL INFORMATION:** Tribromostyrene is a highly effective flame-retardant additive. It is thermoplastic and has excellent thermal stability.

**STRUCTURE:**



Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp<sup>2</sup> in writing at time of sale. Sp<sup>2</sup> cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp<sup>2</sup>.