



EcoFlameRetardant-B-301

## BROMINATED POLYSTYRENE

**Chemical Name:** Brominated Polystyrene

**Brand Name:** EcoFlameRetardant B-301

**Equivalent Brand:** Saytex3010

**CAS NO.:** 88497-56-7

**Chemical formula:**  $(C_{10}H_7Br)_n$

**Molecular Weight:** Oligomer

**Chemical Structure:**

### Application:

EcoFlameRetardant B-301 is a highly-effective brominated polystyrene product. It provides outstanding thermal stability and excellent flow properties. It is particularly suitable for engineering thermoplastics applications such as polyesters (PET, PBT,) and polyamides (nylons). EcoFlameRetardant B-301 has excellent resistance to yellowing at high temperatures. It is an ideal choice for high temperature applications. It is non blooming, insoluble in water and presents no bio-accumulator dioxin/furan concerns.

### Technical Data Sheet

Items		Specification	Analysis result
<b>Appearance:</b>		White pellet/powder	White powder
<b>Bromine Content</b>	%	66.00 min	66.8
<b>Soft Point</b>	[I]	170	172
<b>LOO</b>	%	0.3 max	0.15

### Packing:

EcoFlameRetardant B-301 is packed in 25kg paper bag, 40 bags on pallet, or Jumbo bag.

Total 20Mt per 20'FCL.