



**FaRetar Flame Retardant Technology Co., Ltd.**

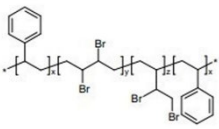
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**FARETAR™ Br-SBS**

**Brominated SBS**

**Product description**

FARETAR™ Br SBS is a flame retardant synthesized by bromination of SBS (Styrene Butadiene-Styrene Block Copolymer). It has a stable polymer structure and is not easy to be absorbed by organisms through biofilm, thus reducing the harm to organisms and making it safer.

Molecular Structure	
Chemical Name	Brominated SBS
CAS Number	1195978-93-8
Bromine content (theoretical), %	64
Appearance	White Powder
Specific gravity, g/cm3	1.9

**Comparable grade**

Emerald 3000  
 ICL FR122p

**Characteristics**

- High efficiency
- Excellent thermal stability
- Good UV resistance
- Environmental friendliness

**Application**

**FARETAR™ Br-SBS** is a very efficient flame retardant, which is mainly used in EPS and XPS foam materials. Compared with HBCD which has been banned by most countries, **FARETAR™ Br-SBS** has better flame-retardant effect, and does not cause environmental problems, nor will it produce toxic and harmful substances that can be accumulated in the body of organisms, consequently, it can be used as a perfect substitute for HBCD.

## Specification

Item	Test method	Specification
Bromine Content, %	GB/T 6678	$\geq 64.0$
TGA, 1% weight loss, °C	GB/T 601	$\leq 0.1$

## Packing

Br-SBS was packed in 20kg paper bag, 40 bags on pallet, Or Jumbo bag, total 16Mt per 20' FCL.

## Storage

Store the product in a cool, dry, well - ventilated area away from incompatible materials.