

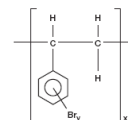


## Brominated Polystyrene (BPS)



### Description

Product Name : Brominated Polystyrene (BPS)  
 Equivalent Name : Albermarle Saytex HP3010 ; Albermarle Saytex HP7010 ; Dead Sea FR-803P  
 Cas No. : 88497-56-7



### Application

It provides outstanding thermal stability and electrical performance. It is particularly suitable for engineering plastic applications such as polyesters (PET, PBT, PCT) and PA (nylons). It has outstanding thermal stability. It is an ideal choice for high temperature applications such as engineering plastics. Due to its stability, it can often be used where other flame retardants fail to survive. Due to its polymeric structure, it is non-blooming in all applications. Excellent electrical properties provide yet another reason to choose this flame retardant for demanding engineering plastic applications.

### Benefits and Features

Excellent Flow In Resin, Superior Color, Excellent Thermal Stability, Excellent Melt Stability, Excellent Non Blistering Performance, Improved Mechanical Properties, Low Loading

### Typical Properties

#### BPS 3010

Appearance ..... White grain/ yellowish powder.  
 Content % .....66 min.  
 Melting point °C ..... 150 min.  
 Volatile% .....0.3 max.

#### BPS 7010

Appearance ..... White grain/ yellowish powder.  
 Content % .....66 min.  
 Melting point °C ..... 210 min.  
 Volatile% .....0.3 max.

#### TGA

1% weight loss ..... 341°C  
 5% weight loss ..... 359°C  
 10% weight loss ..... 368°C  
 50% weight loss ..... 393°C  
 90% weight loss ..... 420°C

These properties are typical but do not constitute a specification either in part or as a whole. Specification data is available on request from sales, customer service or customer technical service.

### Shipping Information

Transportation classification: No regulated for transportation.  
 Packing: Powder: 25kg/bag; 600kg/pallet, wrap & strap; 12mt/20'FCL.  
 Granular: 25kg/bag; 800kg/pallet, wrap & strap; 16mt/ 20'FCL.

### More information

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