



# Technical Data Sheet

## ProFlame™ B044

**Product name:** Decabromodiphenyl Ethane

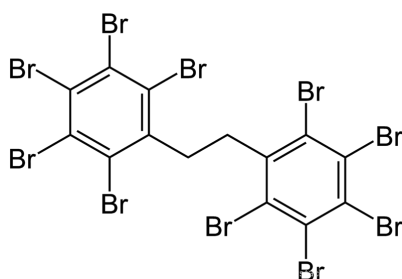
**Our Brand:** ProFlame™ B044

**Molecular Formula:** C<sub>14</sub>H<sub>4</sub>Br<sub>10</sub>

**Molecular Weight:** 971.23

**CAS NO. :** 84852-53-9

**Chemical Formula:**



### Characters:

This product is a efficient widely used environment-friendly additive type flame retardant, with advantages of excellent thermal stability, high content of bromine, strong UV-resistance and low toxicity, etc. It is widely used in styrenated high polymer, engineering thermoplastics, wires, cable covering, insulator, elastomer and thermoset plastics, etc.

### Tech Spec:

Items	Spec
Appearance	White Powder
Melting Point(°C)	≥345
Bromine(%)	81-82
Particle size(um)	≤3 / 5
Volatile matter(%)	≤0.10
Whiteness	≥89
Free Br(ppm)	≤10
Particle Size,D50(um)	≤3.0
Particle Size,D90(um)	≤16.0
PH value	7-8
Iron(ppm)	≤10

### Application:

Mainly use for styrenated high polymer, engineering thermoplastics, wires, cable covering, insulator, elastomer and thermoset plastics, etc.

### Equivalent Brand:

Albemarle: SAYTEX 8010

Chemtura: Firemaster2100



Plastic & polymer additives and solution supplier  
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**Package and Storage:**

25Kg PP/PE bag or paper bag ; 20MT/20"container.

It is not dangerous cargo .You should handle the material according to the instruction described on MSDS.The MSDS is available from sales department once required.Our regular mark is printed on the surface of package in advance .You should inform our sales person in advance If you don't need this or have any special demand for mark.

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