

# Technical Data Sheet

## ProFlame™ B843

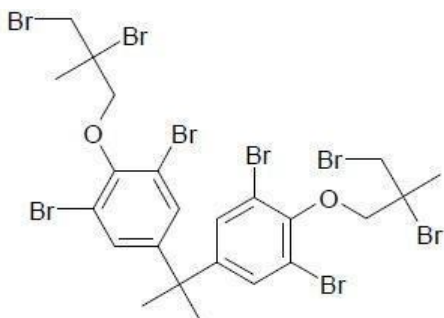
**Chemical Name:** Benzene, 1, 1'-(1-methylethylidene)bis[3, 5-dibromo-4-(2, 3-dibromo-2-methylpropoxy)]

**Equivalent Brand:** Pyroguard SR-130

**CAS NO.:** 97416-84-7

**Chemical Formula:** C<sub>23</sub>H<sub>24</sub>Br<sub>8</sub>O<sub>2</sub>

**Molecular Weight:** 971.67



### Application:

ProFlame - B843 is additive type flame retardant, it has the advantage of low dosage, good flame retardant effect, little influence on the physical properties of materials, good thermostability and UV stability. It is mainly used for EPS, XPS polypropylene and other styrol resin. It has better flame retardant efficiency than brominated aromatic flame retardants. It can make the processing equipment more safety, products more outstanding performance, especially more appropriate for plastic products with high processing temperature. The B-843 is excellent alternative of HBCD.

### Specifications:

Appearance	White Powder
Bromine content	65% min
Melting point	110C min
Volatile	0.3% max
5%Weight loss	280C min

### Packing:

Packed in craft paper bag

Net weight: 25kg/bag, 1000kg/bag, or in accord with client's requirements.

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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