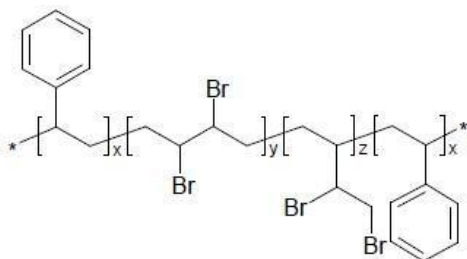


# Technical Data Sheet

## ProFlame™ B264YZ

**Chemical Name:** Benzene, ethenyl-, polymer with 1,3-butadiene, brominated  
**Equivalent Brand:** Great Lakes Emerald 3000; Albermarle GreenCrest;FR-122P  
**CAS NO.:** 1195978-93-8  
**Chemical Formula:** (C<sub>8</sub>H<sub>9</sub>)<sub>x</sub>(C<sub>4</sub>H<sub>6</sub>Br<sub>2</sub>)<sub>y</sub>(C<sub>4</sub>H<sub>6</sub>Br<sub>2</sub>)<sub>z</sub>



### Application:

B264YZ is a broad spectrum of new environmentally friendly flame retardant, widely used in polystyrene, polypropylene, high impact polystyrene, polypropylene, ABS, polycarbonate, unsaturated polyester and other materials,

B264YZ offering comparable flame retardant performance in polystyrene form to Hexabromocyclododecane with same bromine content. It is a perfect alternative to replace HBCD in EPS and XPS foams.

### Specifications:

Appearance	white or off-white powder
Bromine content	64%min
5% weight loss	230min
Volatiles	0.5%max
pH	5.5-7.5

### Packing:

Packed in craft paper bag

Net weight: 20kg/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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