

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

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Email: [info@faretar.com](mailto:info@faretar.com)    Web site: <http://www.faretar.com>**FARETAR™ BT-93****Ethylenebistetrabromophthalimide****Product description**

FARETAR™ BT-93 is an efficient flame retardant containing stable aromatic bromine and imine structure. Due to its excellent thermal stability and UV resistance, it is usually used in engineering plastics.

Molecular Structure	
Chemical Name	Ethylenebistetrabromophthalimide
Formula	$C_{18}H_4N_2O_4Br_8$
CAS Number	32588-76-4
Molecular Weight	951.5
Bromine content (theoretical), %	67.2
Appearance	White or light-yellow powder
Specific gravity, g/cm <sup>3</sup>	2.77

**Comparable grade**

Albemarle Saytex BT-93

**Characteristics**

- Containing both stable aromatic bromine and imide structure
- Outstanding thermal stability
- Good UV stability
- Non-blooming

## Applications

**FARETAR™ BT-93** is often used in HIPS, improve not only flame-retardant effect but UV resistance.

It can also be used in wires, cables and engineering plastics.

## Specification

Item	Specification
Melting Point, °C	$\geq 450$
Bromine Content, %	$\geq 65.5$
Volatile, %	$\leq 0.2$
Whiteness	$\geq 87$

\*Test method: Q/0783FRT019-2019

## Packaging

25 kg paper bags, 50 kg plastic drum.

## Storage

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