



FaRetar Flame Retardant Technology Co., Ltd.

Office: Building 8, Weifang Yuandu Huizhi Industrial Park No.3999,

Taixiang West Street, Economic Developing Zone,

Weifang, Shandong, China.

Post code: 261031 Tel: + (86) 536 8826089 Fax: + (86) 536 8057018

Email: info@faretar.com Web site: <http://www.faretar.com/>

FARETAR™ 972

Tetrabromobisphenol A dual (2,3-dibromo-2-methyl propyl) ether

Product description

FARETAR™ 972 is a highly effective flame retardant containing both aromatic bromine and aliphatic bromine.

Molecular Structure	
Chemical Name	Tetrabromobisphenol A dual (2,3-dibromo-2-methyl propyl) ether
Formula	C ₂₃ H ₂₄ Br ₈ O ₂
CAS Number	97416-84-7
Molecular Weight	971.67
Bromine content (theoretical), %	65
Appearance	White Powder
Specific gravity, g/cm ³	2.18

Comparable grade

PYROGUARD SR-130

Characteristics

- Smokeless and odorless
- High flame retardant efficiency
- Good thermal and light stability

Application

FARETAR™ 972 is an additive flame retardant containing both aromatic bromine and aliphatic bromine. It has good compatibility with most styrene resins and is mainly used for EPS, XPS or other styrene resins.

It can also be used in PP, PE and other thermoplastics due to its non-precipitation and non-delamination in plastics.

With the gradual prohibition of HBCD (hexabromocyclododecane), **FARETAR™ 972** can be used in various fields as an upgraded alternative product.

Specification

Items	Test method	Specification
Whiteness	GB/T 6678-2008	≥90
Bromine content, %	GB/T 6682-2008	≥65
Melting point, °C	Q/0783FRT002-2020	≥110
Volatile, %	GB/T 8170-2008	≤0.3
Purity, %	GB/T 8170-2008	≥95

Packing

25kg paper bag, 40 bags on pallet, or Jumbo bag, total 20Mt per 20' FCL.

Storage

Store the product in a cool, dry, well - ventilated area .