



JADEWIN

■ POLYMER ADDITIVES

**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**
青岛杰得佳新材料科技有限公司

DBDPE

FLAME RETARDANT

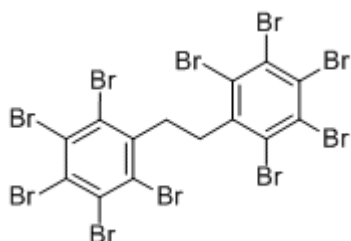
CHEMICAL COMPONENT

COMPONENT DECABROMODIPHENYLETHAN

CAS 84852-53-9

Molecular C₁₄H₄Br₁₀

M.W 971.20



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE POWDER
ASSAY(Br)	%	81.0-82.0
WHITENESS		87.0MIN
VOLATILES	%	0.10MAX
PARTICLE SIZE	um	5MAX
FREE Br	ppm	10MAX
MELTING POINT	°C	345MIN

TGA: 2%, 322°C 5%, 345°C 10%, 360°C

APPLICATION

DBDPE is an additive flame retardant containing 82% aromatic bromine. Its high bromine content coupled with its exceptional thermal stability makes it the material of choice for a large variety of applications.

Major application areas include HIPS, Low-Density Polyethylene, Polypropylene (Homopolymers and



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Copolymers), Elastomers, PBT, Polyamides, UPE and Epoxy.

- HIPS (V-0)
- Epoxy resins
- HIPS (V-2)
- PBT & PET
- PE and copolymers
- Polyamides
- PP and copolymers
- PVC
- Rubbers and Elastomers
- Unsaturated polyester (UPE)
- Vinyl esters thermosets
- Wood & Chipboard

PACKING

25KG BAG , 1000KG /Pallet

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS
Canada - DSL
EU - EINECS
China - IECSC
Japan - ENCS
Korea - ECL
USA - TSCA
Philippines - PICCS