

TECHNICAL DATA SHEET

YLSCH Decabromodiphenyl Ethane(DBDPE)

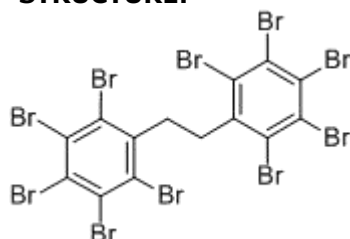
CHEMICAL NAME: Decabromodiphenyl Ethane

MOLECULAR FORMULA: C₁₄Br₁₀H₄

MOLECULAR WEIGHT:971.2

CAS NO.:84852-53-9

STRUCTURE:



Item	Index	
	Best grade	Grade I
Appearance	White powder	
Whiteness (R457) ≥	89	85
Bromine Content (Wt.%)≥	81.5	80.5
Partcile size(um) ≤	3.0	5.0
Moisture (%) ≤	0.1	0.2
Melting Point (°C)≥	345	340
1 %Thermogravimetric /°C ≥	330	310

Properities:

white powder, no toxic, no odor and non-corrosion. Indissolvable in water, ethyl alcohol, acetone, benzene etc.

Applications:

This product is a new high efficiency, environmentally friendly flame retardant developed by our company and Beijing Institute of Technology. The product has properties of high bromine content, excellent thermal stability, low toxicity and UV-resistance. It is used in high-impact polystyrene(HIPS), engineering plastics, wires and cables, insulator, elastomer and thermoset plastics etc.

Packing:25Kg woven bags.

Storage and transportation:Handle with care, keep air-tight and dry.