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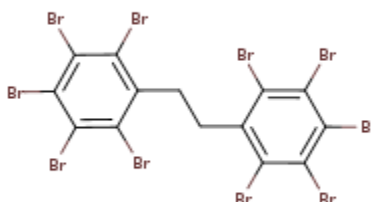
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Trade registration nr. 50769421 Chamber of Commerce Utrecht

Technical Data Sheet

Product name:	Decabromodiphenyl ethane
Product Form:	solid
Chemical name:	Decabromodiphenyl ethane
Synonym:	1,1'-(Ethane-1,2-diyl)bis(pentabromobenzene); Benzene, 1,1'-(1,2-ethanediyl)bis(2,3,4,5,6-pentabromo-; DeBDethane; DBDPE
CAS No:	84852-53-9
EINECS No:	284-366-9
Molecular formula:	C ₁₄ H ₄ Br ₁₀
Molecular weight:	971.23
Structure formula:	



Chemical Specification

Appearance	White powder
Br (%)	81.5 min.
Whiteness (%)	90 min.
Melting point (°C)	345 min.
Moisture (%)	0.1 max.
Fe (ppm)	10 max.
Al (ppm)	25 max.
Free Br (ppm)	5 max.
Average particle size (D50) (µm)	3 max.

Packing:

Bags of multi-layer paper with polyethylene as inner layer containing 25 kg (netweight) on pallet with shrinking foil (1000 kg).

Big bags containing 1000 kg on pallet or 2 big bags containing 500 kg on pallet (1000kg).

Description

The grade of flame protection is related to applied percentage that has to be stabilized according to the desired safety requirements.

Applications

Mainly used for: PP, PE, TPO, ABS, PVC, EPDM, HIPS, PC/ABS, Polyester, TPU, PPO/HIPS, PA, PBT, PET, PC, Epoxy resin, Phenolic Resin, Adhesive Coating-Paint, Textile back coating, Unsaturated Polyester, SAN, Silicone, PE/EVA-XLPE/EVA-SMC/BMC, Rubber (NBR, SBR, Natural, etc.).

Storage

Store in dry and well aerated areas avoiding high temperatures and humidity.