

DR. J. PHARMACHEM PVT. LTD.

CIN : U2429PN215PTC155488

Regd Office: 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune-411 030. India.

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Works Address : P 21, G Block, Ajantha Nagar, MIDC Akurdi, Pune-411035, India.

GSTIN : 27AAAFCD3798J1Z4



DR. J. PHARMACHEM PVT. LTD.
(ISO 9001-2015 Company)

DBDPE

Technical Datasheet

Product Information: Decabromodiphenylethane is an brominated flame retardant used in thermoplastics, thermosets, textiles and coatings that inhibit or resist the spread of fire.

Chemical Name	1,2-BIS(PENTABROMOPHENYL) ETHANE	
Grade Name	DBDPE	
CAS No.	84852-53-9	
EINECS No.	284-366-9	
Molecular Formula	C ₁₄ H ₄ Br ₁₀	
Synonyms	<ul style="list-style-type: none">• DECABROMODIPHENYLETHANE• ETHYLENEBIS(PENTABROMOBIPHENYL)	
TEST	SPECIFICATION	METHOD
Appearance	White powder	
Bromine content	Min 81 %	
Whiteness	Min 88%	
Melting point	Min 345°C	
Moisture	Max 0.01 %	
Free bromine	Max 20 ppm	
Particle size	Max 3 µm	

Product Applications:

1. DBDPE flame retardant has very good thermal stability and high bromine content making it a prime candidate for high temperature applications
2. It exhibits good UV resistance and hence is suitable for use in many applications requiring color stability.
3. It finds use in styrenic polymers, engineering resins, wire & cable and elastomers.

Product Benefits:

1. Very good thermal stability and low blooming characteristics.
2. It is not acutely toxic and teratogenic, no harmful to the environment .

Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: It is not registered in food contact applications by US FDA.

Title:

Chapter:

Subchapter:

Part:

Subpart:

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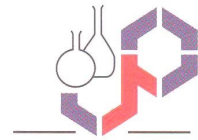
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Section:

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seler be liable for incidental, consequential or indirect damanges for alleges negligence breach of warranty, strict liability, and tort or contact rising in connectoin with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or fur use for which implantation within human body is intended.