

Taian Green Industry Co., Ltd.

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TECHNICAL DATA SHEETS

1. Product name:

Stearoyl benzoyl methane

2. Chemical Name:

SBM;

1-Phenylicosane-1,3-dione;

1-Phenyl-1,3-eicosanedione

3. CAS No.:58446-52-9

4. MF:C₂₆H₄₂O₂

5. MW:386.61

6. Technical specifications

Item	Specifications	Results
Appearance	White to light yellow crystalline powder	White crystalline powder
Assay	≥97%	98.2%
Melting point	≥56℃	58℃
Ash	≤0.2%	0.07%
Heat loss	≤0.2%	0.08%
Conclusion	The results conforms with enterprise standards	

7. Usage

Stearoyl benzoyl methane is mainly used as a co-stabilizer for calcium / zinc hydroxy acid salt stabilization systems. It is used to make mineral water bottles, oil drums, transparent sheets and transparent films. Stearoyl benzoyl methane is also used as an organic PVC auxiliary thermal stabilizer to prevent "zinc burning" and improve the thermal stability of PVC products.

8. Package

20kg/carton