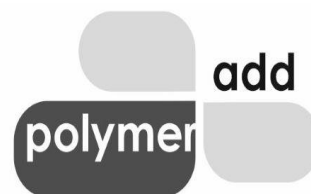


Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalarempriakiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250

Factory - 188/3, Moo 8, Tambon Bangpu Mai, Amphoe Muang Samut Prakan, Samutprakan, Thailand 10280

Mobile - Thai : 0804531391, English: 0839415475, E-mail – contact@polymeradd.co.th



BARIUM STEARATE (MICRONISED)

CAS: 6865-35-6

Chemical Name and Synonyms

Barium distearate	Barium octadecanoate
Stearic acid, barium salt	

Physical and Chemical Properties

Property	Typical Description
Appearance	White to off-white free-flowing powder
Odour	Odourless
Density	~1.1–1.2 g/cm ³
Melting range	200–215 °C
Solubility	Insoluble in water; soluble in aromatic and chlorinated solvents
Particle size – D50	5–10 µm
Particle size – D90	<20 µm
Particle size – D99	<30 µm

Known Uses

Dry-blend PVC systems	Industrial plastic formulations
PVC cable insulation and sheathing	PVC calendered films
PVC flooring compounds	PVC profiles and sheets
PVC stabilizer masterbatches	Rigid PVC pipes
Rubber molded goods	Thermoplastic processing compounds

Known Applications

Acid scavenger	Heat stabilizer
Lubricant	Processing aid
Release agent	

Extra-Ordinary Benefits (Micronised Grade Specific)

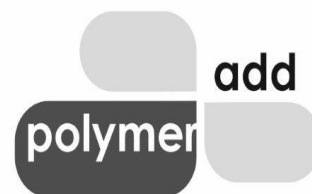
- Faster and more uniform dispersion in PVC dry blends
- Improved surface coverage at lower addition levels
- Reduced speck formation compared to coarse stearates
- Better process consistency during extrusion and calendering
- Improved blending homogeneity in stabilizer masterbatches

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Regulatory Note

Regulatory status depends on grade, purity, and intended use. Food-contact and regional compliance listings, where applicable, are addressed in separate regulatory documentation.

Disclaimer

The information provided is for technical reference only and is based on typical properties of the material. No warranty, express or implied, is given regarding suitability for any specific application. Users are responsible for conducting their own evaluation and ensuring regulatory compliance for their intended use.

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Last review date: 27 Dec 2025

END OF REPORT

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