



Technical Data Sheet

DEUTERON AP 348

Polyethylene Wax

Deuteron[®]
ADDITIVES TO YOUR SUCCESS

■ Product Characteristic

Appearance	white pastilles
Density	approx. 0.95 g/cm ³
Melting point	85 °C
Particle size	3 mm max



■ Product Description

Deuteron AP 348 is a Polyethylene wax in a coarse particle form (pastilles) for the use in powder coatings. Because of the supply form it is necessary to extrude/melt Deuteron AP 348 during the manufacturing process.

In powder coating applications Deuteron AP 348 leads to a smooth matting effect in the range of satin gloss systems. At increased addition levels the use of low melting PE wax can lead to a blooming effect.

■ Applications

Deuteron AP 348 is suitable for a wide range of applications including:

- › Powder coatings
- › Plastic extrusion

The use of Deuteron AP 348 especially improves performance in:

- › Matting (sating gloss)
- › Slip

■ Dosage

0.5 - 1.0 % (calculated on the complete formulation) depending on binder, application and required properties.



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■ Processing

Deuteron AP 348 needs to be added in the premix step prior to extrusion to ensure a proper distribution in the system.

■ Storage Conditions

24 months at room temperature and dry conditions. Storage temperature should not exceed 35 °C.

■ Package Sizes

Paper bag (25 kg net)

■ Safety

According to Regulation (EC) No. 1272/2008 Deuteron A 348 is not classified as a dangerous product and therefore does not need to be labelled.

For detailed information please refer to the Safety Data Sheet and Regulatory Information Sheet. The documents are also available on our website:

<https://www.deuteron.com/en/download-center/>

■ Deuteron: First class products for the coating industry

Deuteron GmbH successfully develops and sells innovative additives since 1977. Our product range consists of matting agents, anti-static additives, texturing additives, thickeners and UV initiators. In the course of our company history we have become an important partner of the national and international paint, lacquer and coating industry with sales partners around the globe.

This leaflet intends to give technical advice without warranty and does not claim to be complete.



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