

DEUTERON OG 330

Slip and abrasion resistance enhancing additive for water-based systems

/ Chemical Description

Aqueous dispersion of polyethylene wax modified with PTFE

/ Physical Data

Appearance	white dispersion
Viscosity	approx. 600 mPa·s
Specific Weight	approx. 1,02 g/cm ³
Melting Point of Polyethylene	approx. 116 °C
Polyethylene/PTFE	approx. 46 %
Isopropanol	approx. 4 %
Flash Point	does not apply



/ Properties

Deuteron OG 330 noticeably improves slip, abrasion and rub resistance in aqueous coatings and inks. Deuteron OG 330's low viscosity and its dust-free delivery form enable easy handling for paint manufacturing. The concentration of approx. 46 % supports cost-effectiveness.

/ Application

Water-based clear lacquers and top coats where the presence of PTFE can be accepted, e.g. air drying and stoving enamels, aqueous acrylic lacquers and inks.

/ Dosage

A definite recommendation regarding the exact dosage cannot be made. The exact dosage should be determined by own trials. Experiences have shown that a dosage of 1,0 - 3,0 % will meet the required surface properties for slip and mechanical resistance.

/ Processing

Deuteron OG 330 can be incorporated into the lacquer with a high speed stirrer before adjusting the viscosity. In most cases adding the product to the mill base will not result in problems. This can be taken into consideration for optimizing the production process.

/ Storage conditions

Deuteron OG 330 can be stored in its original tightly closed containers for at least 24 months at room temperature. Phase separation can occur during longer storing periods; stirring the product will remedy this. The product should be stored frost free.

/ Package Sizes

Plastic barrel (25 kg net)

/ Safety Regulations

According to Regulation (EC) No. 1272/2008 Deuteron OG 330 is not classified as a dangerous product and therefore does not need to be labeled.

/ Deuteron: First-class products for the coatings industry

Deuteron GmbH has 30 years of experience in the production and sales of additives including: matting agents, conductivity agents and UV initiators. In the course of our company's 30-year history, we have become an important partner for the paint, lacquer and coatings industry – we operate nationally and internationally and are represented all over the globe. We serve you with

the dependability and close business relationship that only an owner-operated, medium-sized company can offer – and we also have the expertise of a global provider. Get in touch with us! We are happy to be of assistance and to help find individual solutions for your needs.



/ Visit us on the Internet

You can find detailed information on all our products at www.deuteron.com. Matting and texturing agents, surface additives, UV initiators and much, much more: We supply first-class

products and look back on more than 30 years of experience as an important partner for the coatings industry.

/ Waxes from our portfolio

Deuteron AP 348
Deuteron OG 250
Deuteron OG 330
Deuterol Paraffindispersion

Deuteron UV RS20
Deuteron WAX PP
Deuteron WAX PP/2
Deuteron WAX MPO

Deuteron WAX A
Deuteron WAX TF

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