

MEGH

MEGH®PRINT B

MEGH®PRINT B 1100

MEGH®PRINT B 1100 EF

MEGH®PRINT B 1110

MEGH®PRINT B 1110 EF

NATIONAL REFERENCE IN HIGH-PERFORMANCE
EBS WAXES



MEGH®PRINT B waxes establish MEGH as a national reference in micronised **ethylene bis-stearamide (EBS)** for demanding technical applications.

Developed to deliver **high thermal performance, process stability, and regulatory compliance**, these solutions compete directly with leading international brands, with the strategic advantage of **local production, continuous supply, and specialised technical support**.

High performance, controlled particle size distribution, more predictable costs, reduced logistical and fiscal risks – without compromising quality.

A complete range of micronised EBS waxes designed to meet different technical and regulatory requirements:

- **MEGH®PRINT B 1100** – Animal-based micronised EBS wax, stearic acid based, with excellent thermal stability, featuring a particle size of 8–10 microns (D50).
- **MEGH®PRINT B 1110** – Vegetable-based version, **biodegradable and biobased**, aligned with sustainability requirements and specific formulation needs.

In the extra fine (EF) versions, particle size reaches 5–6 microns (D50).

MEGH®PRINT B grades offer precise particle size control, excellent blooming behaviour, and promote efficient surface slip. They also contribute to improved scratch and abrasion resistance, while assisting in gloss control in coating systems.

Multifunctional, **MEGH®PRINT B** grades are widely used in varnishes, liquid and powder coatings, printing inks, coatings for wood, cans, and metals. They improve surface slip, scratch and blocking resistance, gloss adjustment, and also support sanding, degassing, and overall processing efficiency.

Commercial Benefits

- **Domestic production with immediate availability**
Continuous supply, without dependency on imports or risk of shortages.
Local production provides greater logistical and tax predictability, inventory reduction, optimisation of storage space, and improved cash flow management throughout operations.
- **Specialised local technical support**
Direct support from the MEGH team, from development to final application.
- **Competitive cost**
Reduced financial impact while maintaining high technical performance.

Technical Advantages

MEGH is the **only wax manufacturer in Latin America with its own micronisation plant**, ensuring full control of the production process, standardisation, and industrial repeatability.

- **Proven performance**
Comparative testing demonstrates performance equivalent to leading international brands.
- **High thermal resistance**
Excellent stability in applications requiring performance at elevated temperatures.
- **High-standard micronisation**
Improved dispersion, greater functional efficiency, and superior finish in formulations.
- **Consistency and reliability**
Full process control – from wax synthesis to final micronisation.

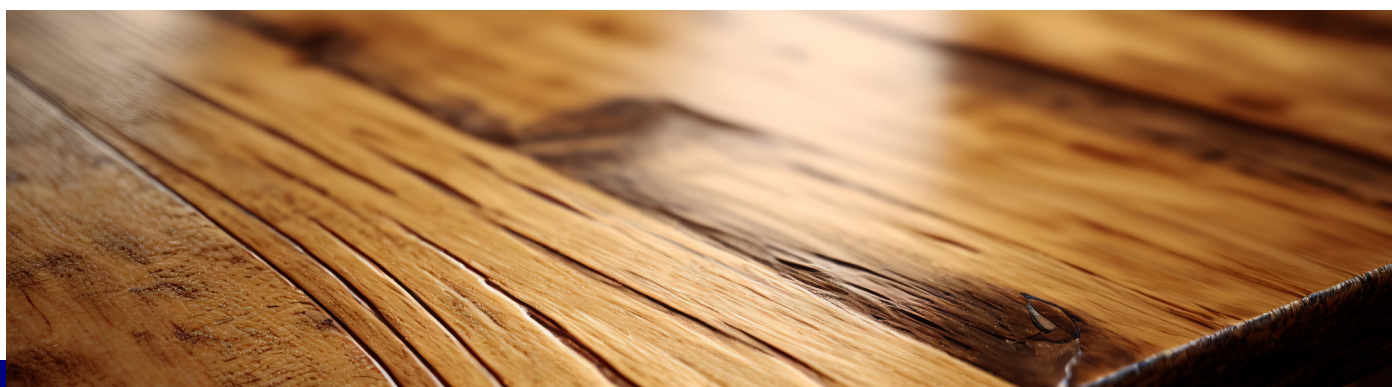
Performance Comparison

Feature	Imported EBS Waxes	MEGH®PRINT B
Origin	Imported	Domestic
Availability	Subject to international lead times and logistics	Immediate
Micronised Versions	Limited or outsourced	In-house micronisation plant
Total Cost	High and variable	Competitive and predictable
Technical Support	Remote / limited	Local and specialised
Supply Security	Subject to disruptions	High reliability
Regulatory Compliance	May meet only basic standards	Broad (FDA, EU, RoHS, etc.)

Regulatory Compliance

MEGH®PRINT B waxes comply with major international regulations, including:

- Food Contact
- FDA – 21 CFR 175.300 (Resinous and polymeric coatings)
- Regulation (EU) No 10/2011
- BfR XIV – Germany
- ResAP (2004) 1 – Council of Europe
- Directives and Sustainability
- RoHS 2 and RoHS 3
- WEEE (2002/96/EC)
- Packaging Directive (94/62/EC)
- CONEG – Toxic Substances in Packaging



Applications

MEGH®PRINT B waxes are recommended for **high-performance applications** where factors such as **thermal stability, slip, release, and surface finish** are critical to final product performance.

General Coatings

- Paints and varnishes
- Printing inks
- UV-curable coatings
- Powder coatings
- Polypropylene (PP)

Main Functions

- Coating lubricant
- Slip agent
- Anti-blocking property
- Levelling agent
- Soft-touch modifier
- Gloss control agent

Powder Metallurgy

Main Functions

- Synthetic lubricant
- Friction reduction
- Improved powder flow
- Easier demoulding
- Improved compaction
- Reduced risk of defects

Cans

Main Functions

- Food release agent
- Facilitates food discharge and removal
- Improves product appearance
- Reduces losses and residues



MEGH®PRINT B

International-standard performance, regulatory compliance, and all the advantages of domestic production.