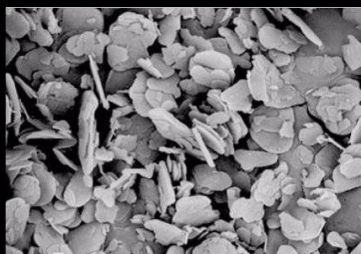


Boron nitride is a synthetic, mineral-based material comprised of lamellar layers, much like graphite. This structure provides boron Nitride with a lubricious feel and unsurpassable slip when used in cosmetic applications.



ARG-BN is a high purity boron nitride powder specifically designed for cosmetic use. This inert, inorganic mineral is ideal for use in color cosmetics such as powders, lipsticks, concealers and foundations as it has low oil absorbance and a soft luxurious feel. Because this powder imparts excellent glide and slip, it applies evenly for a smooth, flawless appearance. In addition, ARG-BN has a refractive index close to that of human skin, providing excellent coverage without looking chalky or unnatural.

PROPERTIES

INCI Name:	Boron Nitride
CAS Number:	10043-11-5
EINECS Number:	233-136-6
Boron Nitride	≥99.5%
Refractive Index @ 20 °C	Approx. 1.74
Structure	Lamellar

Aesthetics

- Soft, smooth, lubricating
- Superb skin adhesion/wear
- Exceptional chemical and photo stability
- Excellent hiding properties

	ARG-BN	ARG-BN-F	ARG-BN-L	ARG-BN-AS	ARG-BN(TE)
Composition	Boron Nitride	Boron Nitride	Boron Nitride	Boron Nitride & Triethoxycaprylyl-silane (3%)	Boron Nitride & Triethoxycaprylyl-silane (3%)
Special Properties	Excellent coverage	Excellent coverage	Excellent coverage	Excellent coverage Hydrophobic	Excellent coverage Hydrophobic
Appearance	White, free-flowing powder	Off-white lustrous powder	Off-white lustrous powder	Off-white lustrous powder	Off-white lustrous powder
Odor	Characteristic	Characteristic	Characteristic	Characteristic	Characteristic
Particle Size Range (D ₅₀)	5 - 7µm	5 - 7µm	8 - 10µm	9-11µm	9-11µm
Moisture	2.0 % max.	1.0 % max.	2.0 % max.	2.0 % max.	2.0 % max.
Density (g/cc)	0.3-0.5	0.2-0.5	0.4-0.6	0.6-0.9	0.6-0.9
pH (10% aqueous suspension)	6.5-8.0	6.5-8.0	6.5-8.0	--	--

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

August 23, 2019 rev.