

TRÈS BN®



Boron Nitride Cosmetic Powders PUHP3008

TRÈS BN grade PUHP3008 offers the cosmetic formulator the ability to create smooth cosmetic formulations with excellent adherence and subtle opacity. It is ideal in pressed and loose powders although not limited to these types. PUHP3008 has all the same benefits of other TRÈS BN grades such as high purity, excellent adherence and soft feel and is specifically designed for cosmetics with natural looking coverage.

INCI Designation: Boron Nitride

Features and Benefits

- ❑ Hexagonal crystal structure provides parallel planes over which platelets slide, creating a smooth and silky feel
- ❑ Provides slip and payoff not obtainable with standard materials such as talc, mica, and bismuthoxychloride
- ❑ Particles carry a static charge and increase the adherence and coverage properties of cosmetics with additions of the powder between 3% and 30%
- ❑ Lubricating nature of platelets aids in compaction, transfer and removal of the final cosmetic product reducing the need for compacting additives such as stearates
- ❑ PUHP3008 is characterized by boron nitride crystals that are easy to disperse and aid spreadability of other ingredients for a beautiful opaque coverage

Typical Chemical Analysis

BN	99 %
B ₂ O ₃	0.1 %
O ₂	1.0 %
Metals (Hg, As, Pb)	< 1 PPM

Typical Physical Properties

Particle Size (D50)	8 um
Surface Area	4 m ² / gram
Appearance	White, odorless powder
Crystal Structure	Hexagonal
Density	2.26 g/cc
Refractive index	1.74

Storage Recommendations

TRÈS BN powders are expressly manufactured for cosmetic use. The proprietary methods used in their manufacture ensure final powders that are of the highest purity. When stored with a desiccant in cool, humidity controlled conditions, TRÈS BN powders will remain fresh up to 24 months after date of shipment.

Technical Data Sheet



TRÈS BN Cosmetic Powder PUHP3008 can be used to improve all types of color cosmetics and skin care formulations:

- ✓ Foundation, liquid-make-up
- ✓ Concealers
- ✓ Cream to Powder
- ✓ Pressed Powder
- ✓ Loose Powder
- ✓ Lipstick
- ✓ Pencils
- ✓ Nail Enamel
- ✓ Skin Care
- ✓ Personal Care

Saint-Gobain Advanced Ceramics

Boron Nitride Products

168 Creekside Drive
Amherst, NY 14228-2027
Tel: (716) 691-2052
Fax: (716) 691-2090
Email: BNsales@saint-gobain.com

www.TRESBN.com

The information, recommendations and opinions set forth herein are offered solely for your consideration, inquiry and verification and are not, in part or total, to be construed as constituting a warranty or representation for which we assume legal responsibility. Nothing contained herein is to be interpreted as authorization to practice a patented invention without a license.

**SAINT-GOBAIN
CERAMICS**