

## PURABYK-P 5541 SATIN XR

Powdered untreated natural phyllosilicate with high whiteness and excellent absorption properties for use in personal care applications (NATRUE Approved).

Gamma irradiation sterilized version of PURABYK-P 5541 SATIN.



NATRUE Approved

### Product data

#### Composition

Natural phyllosilicate (INCI: Bentonite)

#### Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Bulk density:	500–1,100 kg/m <sup>3</sup>
pH value (2 % in H <sub>2</sub> O):	7.0–8.5
Water content:	max. 10.0 %
Sieve passing (200 mesh/74 µm):	min. 98 %
Lead content:	< 40 mg/kg
Arsenic content:	< 5 mg/kg
Total viable count:	< 100 cfu/g
Brightness:	78
Color:	white
Delivery form:	fine powder

#### Storage and transportation

PURABYK-P 5541 SATIN XR should be transported and stored dry in unopened, original packaging at temperatures between 0 °C and 30 °C.

Vegan

### Applications

#### Personal care

##### Special features and benefits

PURABYK-P 5541 SATIN XR is white bentonite, produced from native, colloidal phyllosilicate by a unique process providing unequalled high purity, whiteness, and brightness. PURABYK-P 5541 SATIN XR leads to a beautiful skin feel and improves the absorption behavior and spreadability of emulsions. It shows very good absorption properties, is matting, and is therefore particularly suitable for use in deodorants, masks, skin care products, and color cosmetics.

**Recommended use**

Antiperspirants/deos	<input checked="" type="checkbox"/>
Facial masks	<input checked="" type="checkbox"/>
Creams and lotions	<input checked="" type="checkbox"/>
Liquid makeup	<input checked="" type="checkbox"/>
Bath and shower gels	<input checked="" type="checkbox"/>
Hair styling products	<input checked="" type="checkbox"/>
Sunscreen products	<input type="checkbox"/>

especially recommended    recommended

**Recommended levels**

1–20 % additive (as supplied) based upon the total formulation, depending on the application.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

**Incorporation and processing instructions**

PURABYK-P 5541 SATIN XR is added as a powder and homogeneously incorporated by stirring.



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This issue replaces all previous versions.