

# EXPANDA®

## WHITE

EXPANDA® WHITE is a natural, highly purified micro fine white bentonite.

Because of its high degree of brightness and whiteness, pigments show up truer and the amount of pigment may be reduced. It has functional use as binder, stabilizer, suspension agent, a thickening agent, and rheological modifier. Its excellent suspending properties are due to the shear-thinning, thixotropic behavior of EXPANDA WHITE dispersions, which increases the yield value or resting viscosity of the final formulation. EXPANDA WHITE combined with gums and organic thickeners, such as xanthan, carboxymethylcellulose, or carbomers synergistically increases viscosity and the yield value. It provides additional water absorbent capacity with superior stability in the presence of organic compounds. It has application as a thickening, suspension, and stability agent in pharmaceutical, cosmetics, personal care, and household products. EXPANDA WHITE is sterilized by gamma irradiation.

### Properties

	Specification
Color	White
Brightness	Very High
Viscosity	Low/Med
Swelling Power	24 Min
Fineness of Powder	No Grit
pH	9.5-10.5
Moisture Content	5-8
Sterilized	Yes

### Packaging

EXPANDA WHITE is available in 20 kg poly lined boxes.

### Applications/Functions

- Pharmaceuticals
- Cosmetics
- Personal Care
- Household Products

### Advantages

- Meets the requirements of the USP Monograph for bentonite
- Very High brightness
- Micro fine particle white bentonite
- High Swelling Index
- Excellent suspension properties
- Imparts low/medium viscosity and yield value



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