

EXPANDA®

SILVER

EXPANDA® SILVER is a natural, micro fine bentonite. 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 SILVER dispersions, which increases the yield value or resting viscosity of the final formulation. EXPANDA SILVER combined with gums and organic thickeners, such as xanthan, carboxymethyl-cellulose, 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 SILVER is sterilized by gamma irradiation.

Properties

	Specification
Color	Gray
Brightness	Low
Viscosity	Medium
Swelling Power	24 Min
Fineness of Powder	No Grit
pH	9.5-10.5
Moisture Content	5-8
Sterilized	Yes

Packaging

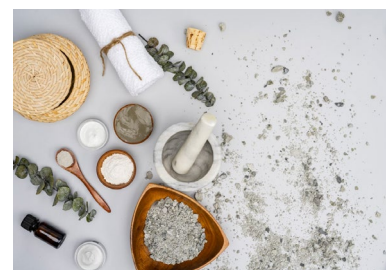
EXPANDA SILVER is available in 50 lbs. boxes.

Applications/Functions

- Pharmaceuticals
- Cosmetics
- Personal Care
- Household Products

Advantages

- Meets the requirements of the USP Monograph for bentonite
- Cost Effective
- High Swelling Index
- Excellent suspension properties
- Imparts high viscosity and yield value



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