

Fiber Bonding

Technical Data Sheet

Butofan[®] 4202



Binder for Beater Addition applications

Chemical Nature

Aqueous dispersions of styrene butadiene

Properties

Typical Properties

| | | |
|--|-----|--------|
| Solids content | % | 43 |
| pH value | | 10.5 |
| Viscosity at 23 °C (Brookfield RV, Spindle #2, at 20 rpm) | cps | ca. 25 |

Further properties of the dispersion

| | | |
|-----------------------|-------------------|-------------|
| Density | g/cm ³ | approx. 1.0 |
| Freeze/thaw stability | | not stable |
| Dispersion type | | nonionic |

Properties of the film

| | | |
|--|----|---------|
| Glass transition temperature T _g (DSC) | °C | ca. -13 |
| Surface | | tacky |

Compatible with

Butofan[®] 4202 is compatible with other substances commonly used in nonwovens and beater addition applications

Applications

Features

Butofan[®] 4202 forms films which exhibit good strength and water resistance. Butofan[®] 4202 is easily destabilized for incorporation into many different furnish systems in beater application processes.

Processing

The pH value of compounding formulations should be in the neutral-to-alkaline range before Butofan[®] 4202 is added.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Butofan[®] 4202.

Storage

Butofan® 4202 has a shelf life of six months from delivery date, provided it is stored in accordance with the "Handling and Storage of polymer dispersions" brochure. Technical information regarding the storage of BASF polymer dispersion products is available upon request.

Important

The descriptions, designs, and data contained herein are presented for your guidance only. Because there are many factors under your control which may affect processing or application/use it is necessary for you to make appropriate tests to determine whether the product is suitable for your particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, OR DATA MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, DATA OR DESIGNS PROVIDED BE PRESUMED TO BE A PART OF OUR TERMS AND CONDITIONS OF SALE.** Further, you expressly understand and agree that the descriptions, designs, and data furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for same or results obtained from use thereof, all such being given to you and accepted by you at your risk.

Butofan is a registered trademark of BASF Group.

© BASF Corporation, 2015



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.
For more information on Responsible Care® goto:
U.S.: www.basf.us/responsiblecare_usa
Canada: www.basf.us/responsiblecare_canada
México: www.basf.us/responsiblecare_mexico

BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions