

TECHNICAL INFORMATION SHEET

TexBond Wettex KNT (V)

Description:

TexBond Wettex KNT (V) is a low foaming wetting & scouring agent with excellent detergency and oil removing efficiency. It is highly efficient to remove waxes, oils, grease, dirt and most other stains from cotton fabric and their blends. TexBond Wettex KNT (V) has been developed with the same principle of Berger to offer products with uncompromising quality.

Textile manufacturer can get these products at competitive prices which will match international standards..

Special Features:

- » Environment friendly, APEO free, Non-hazardous and biodegradable.
- » Low foaming properties makes the product more suitable for high turbulence machine.
- » Good wetting properties gives smooth and trouble free loading of goods.
- » Liquid, pump-able formulation suitable for automatic dispensing equipment.
- » High temperature stable because of higher cloud point.
- » Highly acid and alkali stable.
- » Give outstanding hydrophilic properties, provide good absorbency and excellent whiteness to the treated fabric.

Physical and Chemical Properties:

Appearance	Clear thin liquid
Smell	Characteristic smell
pH value	(7.5 ± 0.5) at 30°C
Specific Gravity	(1.00 ± 0.010) at 30°C
Ionic Nature	Non-ionic
Solubility	Easily soluble in hot and cold water
Stability/Compatibility	Very much compatible with the auxiliaries usually applied in textile pre-treatment process.
Shelf Life	365 Days (if store in sealed & new container and maintain proper storage condition)

Application

TexBond Wettex KNT (V) is suitable wetting agent for all types of fibers on machine which tends to foaming problem. TexBond Wettex KNT (V) is useful in single stage combined desizing/bleaching/scouring operations for all types of fiber and their blends. It is specially formulated for the pre-treatment as well as for all common wetting process.

For Discontinuous Process: 0.5 to 2.0 g/L TexBond Wettex KNT (V)

For Continuous Process: 2.0 to 5.0 g/L TexBond Wettex KNT (V)

Guideline Application Recipe: 1:

Set the bath liquor ratio of 1:10
TexBond Wettex KNT (V) 0.5 to 1.5 g/l
Sequestering Agent 0.5 g/l
Hydrogen Per-oxide 2.5 g/l
Caustic Soda flakes 1 to 3 g/l
Per-oxide Stabilizer 1 to 2 g/l

Add the chemicals at surrounding conditions.

Raise the temperature gradually 90°C and run for 30 to 60 minutes. Cool to 70°C.

At 60- 70°C with 0.5 to 1.5 g/l per-oxide killer and acidify to pH 6 – 6.5 before draining.

Guideline Application Recipe: 2:

Set the bath liquor ratio of 1:11
TexBond Wettex KNT (V) 0.3 to 0.8 g/l
Sequestering Agent 0.2 to 0.5 g/l
Hydrogen Per-oxide 1.5 g/l
Caustic Soda flakes 1 to 2.5 g/l
Per-oxide Stabilizer 0.2 to 1.5 g/l

Start at 40°C, raise the temperature gradually to 90°C and run for 30 minutes.

At 60- 70°C with 0.05 to 1.0 g/l per-oxide killer and acidify to pH 6 – 6.5 before draining.

Handling & Storage

Storage

Store in sealed container (HDPE drum or SS container) in dry condition at temperatures between (15 – 30) °C, away from direct heat, sunlight, dust, moisture any sort of chemical's contamination. Equipments used in handling this product can be washed easily with water before it dries up. Hot water with little scrubbing is required to clean the dried product. Containers once opened should be consumed immediately and shut tightly to prevent contamination. Sanitize with sanitization solution after cleaning of used up containers. Stocks should be used on first in and first out basis. Do not mix with other products without consulting R&D or do your test to determine its suitability, as it can lead to incompatibility and other related problems.

Handling

Transport & storage should be performed under shade, cleaned & closed area and away from heat sources at all time. Use PPE (Hand gloves, Goggles, Cleaned cloth & shoe etc) during filling and transfer to prevent human contact with product. Product's transfer should be performed in clean & properly sanitized transfer lines and pumps.

Footnote

The information in this TDS is given in good faith and is correct to the best of our knowledge as of the date hereof; however Berger Paints Bangladesh Limited makes no representation to its completeness or accuracy. Customers are requested to evaluate and test the product for their application to find out the suitability before use. Berger Paints Bangladesh Limited disclaims responsibility to damage of any kind resulting from the use of this information.