Texochem Industries

TECHNICAL DATASHEET

Texobond BL-1020

General

Texobond BL-1020 is a water-based, glossy, heat seal coating for bonding PET, PVC, APET and PS. This product finds its primary application in Blister Packaging and provides strong and durable bond between the packaging materials. Surface chemistry and glass transition temperature are the key parameters which make Texobond BL-1020 a high performing material.

Typical Properties

Appearance	Milky white emulsion
% Solids	45 ± 2%
pH	5.0 – 6.0
Viscosity	100 – 300 cPs

Special Features

1. **High humidity and temperature resistant**
   Texobond BL-1020 is resistant to hydrolysis and photolytic effect. This increases the life of the coating and makes it easy to use across different regions and seasonal changes.

2. **Free from plasticizers and waxes**
   Texobond BL-1020 has been developed to avoid the migration problems commonly observed on using plasticizers, and waxes. Thereby giving a constant bond strength to Texobond BL laminated products for their life.

3. **High Cohesive Strength**
   For special applications which require a higher coat weight, high cohesive strength of Texobond BL-1020 ensures film integrity and strength.

Application guidelines

Following points must be considered while using Texobond BL:

1. The coating can be used for both in-line (wet-trap) and off-line (dry-trap) processes.
2. Recommended coating thickness: 6-12 g/m^2 (varies as per packaging material demand).
3. Double pass is optional, and requirement varies as per application.
4. It is important to ensure adequate air flow during drying to prevent blocking.
5. Avoid stacking more than 200 sheets. Vertical stacking is recommended.
6. The film to be used for sealing must be free from anti-blocking additives.
7. Avoid mixing with other coating systems.
8. After application, machines can be cleaned easily using water.

Note: Do not add any other material (including defoamers) to Texobond BL without consulting with the manufacturer/supplier.

Troubleshooting

Problem	Solution
Product is giving varied sealing profile across the packaging material	Check for and ensure uniform coat weight
Product is not drying efficiently	i) Try low coat weight, ii) Ensure adequate air flow during drying
What should I use to dilute the product	Water only
Does the product meet FDA regulations	Contact the manufacturer for details

Our recommendations, if any, for use of this product are based on tests believed to be reliable. The greatest care is exercised in the selection of our materials and in our manufacturing operations. However, we make no recommendation to use this product in any manner which conflicts with existing laws and/or patents and we make no warranties, express or implied, regarding this product or its use, including merchantability and fitness for particular purpose. The manufacturer is not liable for any consequential, incidental, or special damages of any kind. We encourage customers to perform their own tests to confirm performance of the product.

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