



Technical Data Sheet. Tribrite 1060

Chemical Nature
Solids
Viscosity.
pH
Specific Gravity.

Stilbene derivative
Approx. 37 %
Approx. 100 cps
7.5-8.5
Approx. 1.20

DESCRIPTION

Tribrite 1060 is an optical brightener for aqueous emulsions commonly used within the adhesives industry. Tribrite 1060 is one of a range used in paper/textile and specialist applications. Tribrite 1060 has excellent compatibility with Polyvinyl Acetate and Vinyl acetate Ethylene emulsions. Tribrite 1060 should be added to emulsions at a level of approx. 0.2% for optimum performance. This allows detection of glue lines when exposed to UV light at 366nm. Tribrite 1060 does not significantly alter the normal brightness of emulsions therefore provides a covert means of detecting or identifying adhesive after production of articles. Due to the chemistry of Tribrite 1060 technical performance is achieved at a very low loading compared to other optical brighteners that typically require 1-2% additions. This makes the use of Tribrite 1060 very economical by comparison.

For best adhesion results the surface energy of the substrate should be a minimum 40d/cm. Users should evaluate the product to make sure all requirements are satisfied before going in to full production.

STORAGE.

Store at temperature above 7c to prevent damage by frost.

The storage life of this product is 3 months from date of manufacture.

HEALTH AND SAFETY.

None hazardous

Refer to the Material Safety Data Sheet for more information.

CAUTION.

This product has been manufactured to current quality and production specifications. Users of this product must carry out their own trials to ensure all requirements are satisfied. Trillium cannot guarantee the products suitability for the specific purpose of the customer due to the many factors that may affect storage, processing and application.