

Bercen, Inc.



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BERSET® 2125

CROSSLINKER AND INSOLUBILIZER

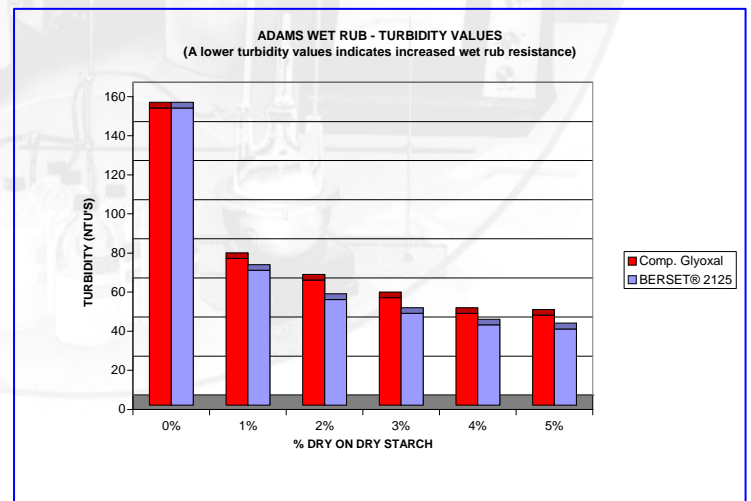
BERSET® 2125 is a highly effective crosslinking agent. The reactivity of BERSET® 2125 is slower during coating preparation and accelerated in the drying process, thus providing a stable viscosity. BERSET® 2125 crosslinks all synthetic and natural binders, resulting in a high degree of wet rub and wet pick resistance off machine.

TYPICAL PROPERTIES

Type:	Glyoxal Based Reactant
Appearance:	Light straw colored liquid
pH:	3.0 – 5.0
Solids:	67.0 – 69.0%
Viscosity, Brookfield:	600 cPs max. (#2 spindle @ 20 rpm)
Specific Gravity:	1.31 – 1.36

ADVANTAGES

- ✓ Develops good wet rub and wet pick resistance
- ✓ Compatible with most coating additives
- ✓ Coating formulations exhibit stable viscosity
- ✓ Economical



APPLICATION

The dosage of BERSET® 2125 depends on the type of binder used and the amount of crosslinking required. Normally, a dosage of 2 - 5% BERSET® 2125 solids, based on the binder solids, is sufficient for most coating formulations. Coating colors containing BERSET® 2125 exhibit slight viscosity increases immediately after the addition of the insolubilizer and remain stable for a prolonged time.

BERSET® 2125 may be used with most types of paper coatings, but is most effective in starch containing coatings.

STORAGE STABILITY

BERSET® 2125 should be stored between 45°F - 90°F and has a shelf life of six months.

SHIPMENT

BERSET® 2125 is shipped f.o.b. manufacturing plant.

FDA STATEMENT

Paper and paperboard treated with BERSET® 2125 is FDA compliant, subject to the provisions of: Title 21 CFR 176.180 (components of paper and paperboard in contact with dry foods) without limitations, Title 21 CFR 176.170 (components of paper and paperboard in contact with aqueous and fatty foods), when used as an insolubilizing agent in starch and protein based coatings that contact nonalcoholic foods and limited to use at a level not to exceed 35% by weight of the starch or protein fraction of the coating solids.

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