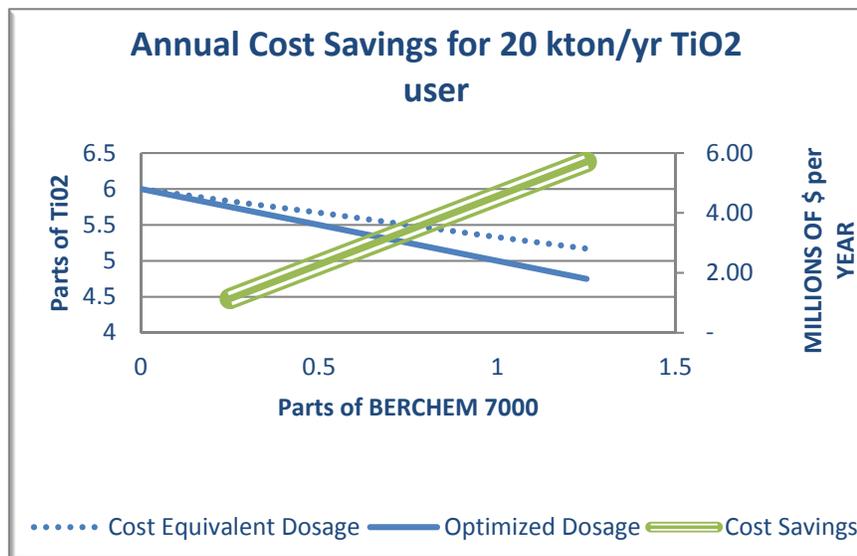


BERCHEM[®] 7000

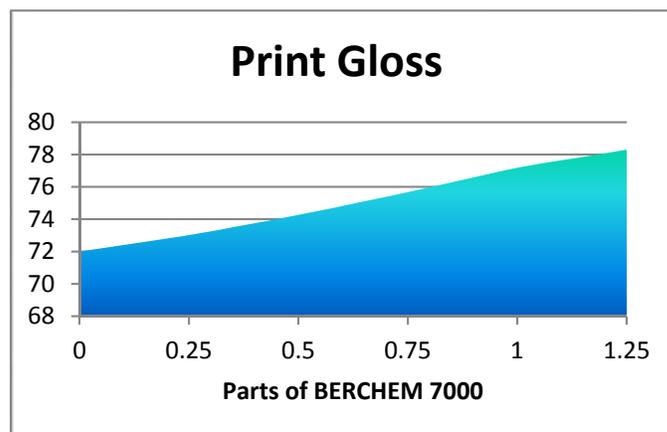
OPTIMIZATION ADDITIVE for AQUEOUS COATINGS

- COATING SOLIDS MAXIMIZER
- REDUCES USAGE of HIGH COST PLASTIC PIGMENT
- GLOSS IMPROVER
- REDUCES USAGE of HIGH COST TiO₂



With BERCHEM[®] 7000 added, improvements in rheology and water-holding allows for up to 2% higher coating solids, reducing drying energy and improving surface characteristics.

SIGNIFICANT PERFORMANCE GAINS AT LOW DOSAGE LEVELS!



BUILDING ON 40+ years of EXPERTISE...

..... ADDRESSING CHALLENGING COATING ISSUES with PRACTICAL CHEMICAL SOLUTIONS

Please CONTACT info@bercen.com to be connected to our technical sales team.



30140 Eden Church Road
Denham Springs, LA 70726
1-800-4-BERCEN
www.bercen.com

BERCHEM[®] 7000

TYPICAL PROPERTIES

Type:	Bio-based Lipids Mixture
Appearance:	Reddish-brown liquid
Solids:	100% Active
Viscosity, Brookfield @ 25°C:	300 – 1000 cPs
Specific Gravity:	0.99 – 1.01

APPLICATION RECOMMENDATIONS

BERCHEM[®] 7000 is 100% active and designed to be used with the entire range of pigmented paper coating formulations and application equipment. BERCHEM[®] 7000 should be added with good agitation after pigments and dispersants and any excess water, but before any other ingredients. BERCHEM[®] 7000 should be added to the coating mixture as received. There is a range of performance enhancements that allow for optimizing the formula, typically rheological aids, dispersants, pigments and specialty additives can be optimized to generate a lower total coating cost. Typical dosage ranges from 0.3 – 1.2 parts (based on pigments).

STORAGE STABILITY & HANDLING RECOMMENATIONS

BERCHEM[®] 7000 should be stored between 5°C - 35°C (41°F - 95°F) and has a shelf life of six months. Do not pre-dilute BERCHEM[®] 7000. Do not flush lines with water; a high viscosity gel will form that is difficult to clean. Heavy duty surfactant and water mixture or caustic should be used for clean-up.

FDA STATEMENT

Paper and paperboard treated with BERCHEM[®] 7000 is FDA compliant, subject to the provisions of: Title 21 CFR 176.170 (components of paper and paperboard in contact with aqueous and fatty foods) without limitations, Title 21 CFR 176.180 (components of paper and paperboard in contact with dry foods) without limitations, Title 21 CFR 178.3400 (Emulsifiers and/or surface-active agents) without limitations.

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