

BB 8K35 – Barrier Wax for Cheese Moisture Barrier Wax

DESCRIPTION: BB 8K35 is a soft microcrystalline wax supplied in block form. It has excellent moisture barrier properties.

FDA Status: BB 8K35 wax formulation complies with FDA Food Grade 21 CFR 172.886 and 21 CFR 178.3710

SURFACE PREPARATION for best results the substrates should be clean and dry. Cheese moisture content should be less than 40%.

APPLICATION Melt wax and apply when molten with suitable technique. Commonly half the cheese round is dipped into molten bath of the 8K35 wax then allowed to cool and harden. The cheese round is then rotated and the remainder of the cheese is dip coated. Repeat if necessary. Best working temperature is 50 to 70 °C when the wax is fluid. Stir molten wax occasionally as pigment will settle out.

TECHNICAL DATA – typical values

Packaging: Approx 1kg blocks in carton lots.

Base: Synthetic wax **Solids Level:** 100% **pH:** n/a

Coverage Rate: very variable due to substrate type and coating weight.

Congealing Point: 55 to 60 °C (ASTM D87) **Viscosity at 100 °C:** 7 to 10cP (ASTM D3236)

Needle Penetration at 25 °C: 35 to 50 dmm (ASTM D1321)

Typical Application Temperature: 60 °C to 70 °C.

Working Time: variable according to temperature.

Shelf Life: at least 2 years in unopened containers away from direct sunlight.

Clean Up: for best results clean up when molten followed by citrus based cleaner or similar mild non-polar solvent

SAFETY DATA SUMMARY: There are no chemical hazards in the wax formulation but hot wax may cause burns. For further information refer to Safety Datasheet for details.

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