



GECP-18-05-4

Product Specification: G-Coat-C210

Description

A stabile micro-emulsion of ultra-fine, uniform size polyethylene particles.

Purpose

To produce a protective, lubricating surface coating of polyethylene wax on glass containers. For optimum scratch resistance, a base hot end coating of tin oxide is required.

Content

Polyethylene solids - 20%
Emulsifiers and bactericide
Water

Properties

An off-white, nonionic opaque slightly alkaline liquid pH 8.0-9.5
Specific Gravity at 25 °C 0.99
Odor: Bland

Advantages

Accurate particle sizing minimizes clogging of spray nozzles. Disperses readily in water. A storage life of at least one year under suitable non-freezing conditions. Stabilized against bacterial attack. Deposited coating resists pasteurization and is suitable for hot melt and casein adhesives for labeling.

Application

To glass container outer surfaces between 70 and 110 °C (160 and 230 ° F) by overhead or under belt spray systems in dilutions with water between 0.25 and 0.75% by volume. Best results will be obtained by using water less than 20 p.p.m. of calcium content suitable for drinking.

Approvals

All of the ingredients in G-Coat-C210 have by regulation, been approved by the FDA for use in this application as referenced in Drug Master File #2146 and as provided for by the following food additive regulations: Title 21 parts 177.1620, 178.3400 and 182.90. Bulletin 1146-F

Packaging

Non returnable polyethylene drums of 50 liters net

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