



TECHNICAL DATA SHEET

EMULSION EPHV-A

Type Formulated Siloxane Emulsion Release Agent

Special properties

- Stability at extended dilution (water)
- Excellent shear stability
- Very high viscosity base polymer = minimal creep and transfer, reduced surface slip, yet enhanced anti-stick/ anti-tack effect.
- No deleterious effect to the product
- Physiologically indifferent
- FDA conformity (status 175.105 of regulation 21 CFR)
- Low foaming

Typical properties

Solids content	35%
Colour	Milk white
S.G.	0.995
pH	7.5
Emulsifier	Anionic
Diluent	Water

Description

Emulsion EPHV-A is a specially formulated water dilutable silicone release agent, prepared from very high viscosity silicone fluid. Designed specifically for use as a "anti-clumping" agent, EPHV-A forms thin, effective, parting-films that are heat stable and non-carbonising. Excellent release properties are given when applied to equipment (e.g. conveyers, water baths, guillotines/ knives etc) and /or for applying to extrudate, prior to guillotining and packaging. Even at extended dilutions EPHV-A shows excellent stability to shear even in sprayed application.

Storage & Shelf Life

EPHV-A is extremely stable both as supplied and in the diluted form. When stored in its original containers at temperatures of between 0 and 32 °C it has a shelf life of 12 months.