

# Pearlux PB

Liquid Pearlizing Agent

Sulfate-free

Cold processable

Compatible with a wide range of surfactants



# Pearlux

## PB10·PB20·PB40

### Liquid Pearling Agent

#### Pearlux PB10

Potassium Cocoate (and) Glycol Distearate (and) Cocamide MEA Sulfate, PEG, and EO-free

#### Pearlux PB40

Glycol Distearate (and) Sodium Laureth Sulfate (and) Laureth 10 (and) Cocamide MEA Optimum pearling effect

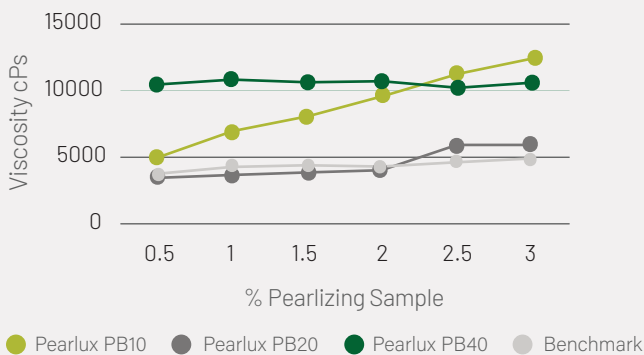
#### Pearlux PB20

Potassium Cocoate (and) Glycol Distearate (and) Cocamide MEA (and) Laureth 10 Sulfate and PEG free, provides more opaque and pearling effect



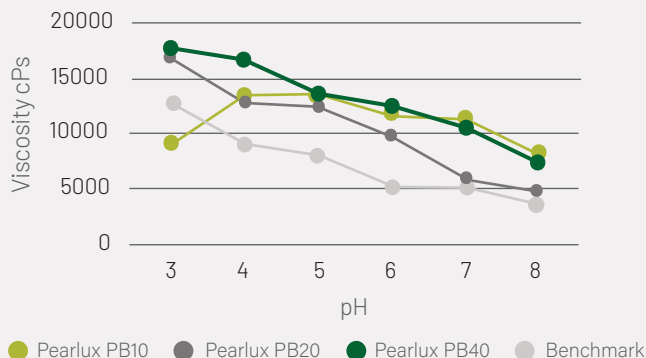
- Offers smooth luster and shimmering effect on personal care and cosmetic products
- Cold-processable and easy to disperse
- Enhances product viscosity
- Can be used in a wide range of pH
- Naturally-derived from sustainable coconut oil
- Environmentally friendly

#### VISCOSITY PROFILE IN SLES SURFACTANT SYSTEM (15% SLES / 5% Betaine / 5% CMEA)



The viscosity of the system increases as the amount of **Pearlux PB10**, **Pearlux PB20** and Benchmark increases. Pearlux PB10 has the highest viscosity among the three samples.

#### VISCOSITY PROFILE AT DIFFERENT PH (15% SLES / 5% Betaine / 5% CMEA)



The viscosity of the surfactant system decreases as the pH of the sample becomes more basic

#### DEGREE OF WHITENESS



#### FORMULATION

MATERIALS	INCI NAME	%
Water	Aqua	q.s
SLES 70%	Sodium Lauryl Ether Sulfate	15.00
<b>Sufamide HF750</b>	Cocamide MEA	5.00
<b>Sufrosoft CB30</b>	Cocamidopropyl Betaine	5.00
<b>Glysoft RG</b>	Glycerin	5.00
D-Panthenol		5.00
Fragrance		0.50
Preservative		0.10
<b>Pearlux PB20</b>	Potassium Cocoate (and) Glycol Distearate (and) Cocamide MEA (and) Laureth 10	1.00
Vacuum Salt	Sodium Chloride	1.20
10% Citric Acid	Citric Acid	q.s

#### PROCEDURE

Mix all the raw materials in the given order.

#### PHYSICAL APPEARANCE

Appearance	Pearlized viscous liquid
pH (as is)	6.98
Viscosity, cPs	6,800 min