

POLYBASE CRYSTAL

Comfort.Skin

Sensation of hydration, freshness & comfort

Characteristics:

- O/W emulsifier that forms liquid crystals of lamellar type
- Foster stable, white, bright and well-structured emulsions
- Enables versatility of textures: sprays, lotions, creams, butters and candles
- Deliveries physiological pH without the need of final adjustment

Composition:

- Association of stabilizing and co-emulsifying waxes with sodium cocoyl glutamate - mild anionic emulsifier
- Ethoxylate-free (PEG-free)
- 100% Natural Origin (vegetable)
- Vegan compliant

Unique Sensory Signature:

- Light and comfortable sensation: [comfort.skin](#)
- High spreadability
- Low tackiness
- Low oiliness even with high load of oil and waxes
- Luxurious emulsion: white and highly shiny

Formulator Benefits:

- Easy manufacturing process
- Excellent cost-effectiveness
- Good compatibility with: preservatives, pigments, electrolytes
- High stability
- Great interaction with different types of gelling agents
- Affordable sophistication



POLYBASE CRYSTAL

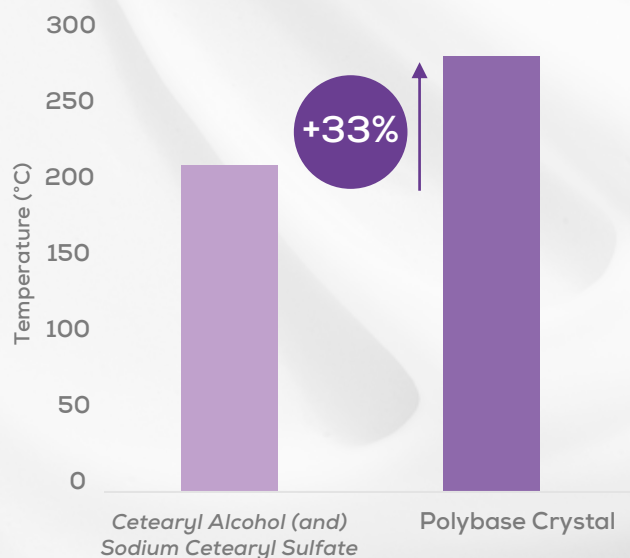
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TESTS

STABILITY

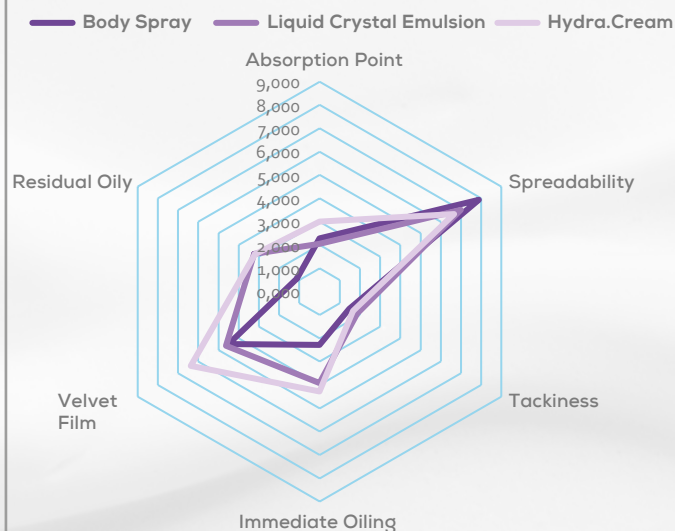
Analysis of emulsion thermal stability properties by differential scanning calorimetry (DSC).



The elimination temperature of the water molecules from the emulsion with POLYBASE CRYSTAL was higher, which means greater thermal stability

SENSORY IDENTITY

Sensory Profile - POLYBASE CRYSTAL



Body Spray

Demineralized Water qsp 100%, Chelating 0,05%, Polybase Crystal 2,0%, Graxion CS-20 0,5%, Agreen LSO 2,0%, Preservative 0,4%, Essence 0,5%

Liquid Crystal Emulsion

Demineralized Water qsp 100%, Chelating 0,05%, Vegetable Glycerin 2,5%, Polybase Crystal 6,0%, Polymol OS Veg 1,5%, Polymol DCE 3,0%, Agreen Triol 3,0%, Preservative 0,4%, Essence 0,5%

Hydra.Cream

Demineralized Water qsp 100%, Chelating 0,05%, Lecigel 1,5%, Polybase Crystal 4,0%, Agreen LSO 4,0%, Agreen Triol 2,0%, Polymol DCE 6,0%, Antioxidant 0,1%, Preservative 0,4%, Essence 0,5%

POLYBASE CRYSTAL provides easy absorption, high spreadability, low residual oil and light afterfeel, providing a velvety touch to the skin

INCI Name: *Glyceryl Stearate (and) Cetearyl Alcohol (and) Stearic Acid (and) Sodium Cocoyl Glutamate*

Use level: 2.0 - 20.0%

*Available in Mass Balance (MB) version

