

BENTONE GEL[®] Selector Guide

BENTONE GEL[®] additives are optimally dispersed and activated pre-dispersions of ELEMENTIS Specialties organoclays. Benefits include:

- Thermostable viscosity control
- Thixotropic flow
- Suspension control of pigments and actives
- Emulsion stabilization
- Silky skin feel
- Consistency in manufacturing

The use of a BENTONE GEL[®] enables you, the formulator, to achieve the maximum efficiency from the organoclay without the need for careful shearing and activation. On the production scale, time is saved and the highest degree of reproducibility attained, leading to potential cost savings.

Bentone Gels provide consistency in manufacturing and superior performance rheology, stability and suspension properties in personal care products.

A wide range of gels made from various cosmetics oils, esters and solvents are available for your cosmetic formulations. The choice of BENTONE GEL[®] is greatly dependent upon your system and desired aesthetics.

Color Cosmetics:

Bentone Gel systems offer exceptional pigment suspension, stability and superior aesthetics in color cosmetic formulation.

| | INCI Name | System benefits | Lip color | Face make up | Eye make up |
|---|--|--|-----------|--------------|-------------|
| BENTONE GEL[®] IPM V | Isopropyl Myristate (and) Stearalkonium Hectorite (and) Propylene Carbonate | This gel provides a light emollient feel to help alleviate greasiness in cosmetic systems. BENTONE GEL [®] IPM V is best suited for products with a creamy or satin finish. Often used in lip products, blush and highlighters. | X | X | |
| BENTONE GEL[®] ISD V | Isododecane (and) Disteardimonium Hectorite (and) Propylene Carbonate | This volatile system provides excellent suspension, while allowing a dry skin feel. Ideally suited for matte cosmetic applications and products created for oily skin. | X | X | X |
| BENTONE GEL[®] LIP V | Hydrogenated Polyisobutene (and) Disteardimonium Hectorite (and) Propylene Carbonate | A non-volatile hydrocarbon system designed specifically for lip care products. BENTONE GEL [®] LIP V improves slip and provides a light cushion on the skin. | X | | |
| BENTONE GEL[®] PIO V | Hydrogenated Polyisobutene (and) Disteardimonium Hectorite (and) Alcohol | A light, volatile hydrocarbon system, BENTONE GEL [®] PIO V improves slip, reduces greasiness and provides a residual silkiness on the skin. Ideal for matte and satin finish color cosmetics | X | X | X |
| BENTONE GEL[®] PTM V | Phenyl Trimethicone (and) Disteardimonium Hectorite (and) Triethyl Citrate | This light silicone based system boasts a high refractive index emollient with outstanding pigment dispersion capability. Ideal for use in high gloss lip systems and foundations with a dewy finish. | X | X | |
| BENTONE GEL[®] VS-5 PC V (HV) | Cyclopentasiloxane (and) Disteardimonium Hectorite (and) Propylene Carbonate | Well known for a light skin feel, BENTONE GEL [®] VS5 PC V adds stability, SPF boosting properties and slip to cosmetic formulations. | X | X | X |
| BENTONE GEL[®] VS-5 V (HV) | Cyclopentasiloxane (and) Disteardimonium Hectorite (and) Alcohol | BENTONE GEL [®] VS-5 V provides the same benefits as it's sister gel, but utilized alcohol as the polar activator. | X | X | X |

continued...

Skin Care:

Bentone Gel systems provide improved stability, enhanced SPF and superior aesthetics in skin care formulations.

| | INCI Name | System benefits | Face Care | Body Care | Sun Care | AP/ DEO |
|---------------------------------------|--|---|-----------|-----------|----------|---------|
| BENTONE GEL[®] EUG V | Octyldodecanol (and) Disteardimonium Hectorite (and) Propylene Carbonate | This gel is based on a naturally derived emollient with good lubrication properties and a soft skin feel. BENTONE GEL EUG V provides an elegant solution to improving slip, increasing viscosity and enhancing stability of skin care systems. | X | X | | X |
| BENTONE GEL[®] GTCC V | Caprylic/Capric Triglyceride (and) Stearalkonium Hectorite (and) Propylene Carbonate | The emollient gel improves slip while reducing greasiness and tackiness in skin care products. Ideally suited for face and body emulsions to improve stability and provide a thixotropic rheology. | X | X | | |
| BENTONE GEL[®] IHD V | Isohexadecane (and) Disteardimonium Hectorite (and) Propylene Carbonate | A non-volatile hydrocarbon system designed enhances application and provides a light cushion on the skin. | X | X | | |
| BENTONE GEL[®] IPM V | Isopropyl Myristate (and) Stearalkonium Hectorite (and) Propylene Carbonate | This gel provides a light emollient feel to help alleviate greasiness in cosmetic systems. BENTONE GEL [®] IPM V spreads easily and enhances stability, making it ideal for antiperspirant and body care products. | | X | | X |
| BENTONE GEL[®] PIO V | Hydrogenated Polyisobutene (and) Disteardimonium Hectorite (and) Alcohol | A light hydrocarbon system ideally suited for skin care products. BENTONE GEL [®] PIO V improves slip, reduces greasiness and provides a residual silkiness on the skin. | X | X | | |
| BENTONE GEL[®] PTM V | Phenyl Trimethicone (and) Disteardimonium Hectorite (and) Triethyl Citrate | This light silicone based system boasts a high refractive index emollient with outstanding pigment dispersion capability. Ideal for use in skin treatment systems with a light texture and dewy finish. | X | | | |
| BENTONE GEL[®] TN V | C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate | The light, silky gel improves slip while reducing greasiness and tackiness in skin care products. It can help improve the suspension and dispersion of active ingredients, improving efficacy and performance. Especially beneficial in sun care applications, BENTONE GEL [®] TN V is widely used across all personal care platforms. | X | X | X | X |

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