

CELLUFLOW

Rich experience and trust! Plant-derived porous cellulose particles

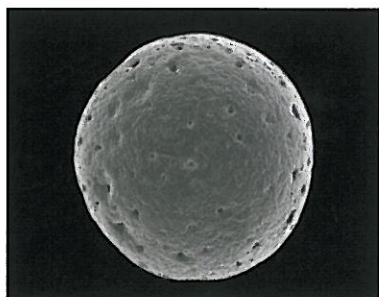
CELLUFLOW is made of porous spheric cellulose particles.

It is suitable as a cosmetic ingredient due to its smooth texture, hypoallergenicity on skin, and high air permeability.

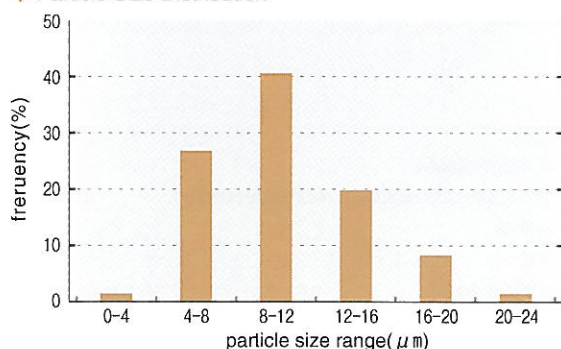
With an adequate ability to absorb both water and oil, its formulation helps improve the texture and functions of cosmetic products.

Basic intelligence

C-25 • INCI Name: Cellulose



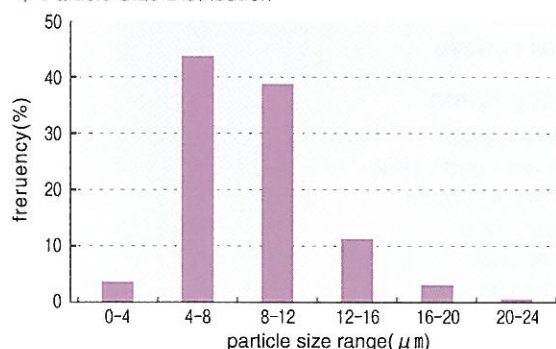
▼ Particle Size Distribution



TA-25 • INCI Name: Cellulose Acetate



▼ Particle Size Distribution



Characteristics

- ☑ Time-tested as a cosmetic base.
- ☑ This plant based material produces a light texture.
Use of a plant-based material can promote the product image.
- ☑ The shape resembling a complete sphere is anticipated to deliver smooth texture and superior spread over the skin.
- ☑ Works as a microsp sponge by absorbing water and oil and swelling, to add a unique texture.
- ☑ This porous material is expected to slowly release active ingredients absorbed and to permeate air.
- ☑ It is physically and chemically strong and stable over time as it hardly dissolves or changes shape.

Usages

Powder cosmetics

- Foundation
- Eye color
- Body powder, etc

Emulsified cosmetics

- Milky lotion
- Liquid foundation, etc.

Lip color

- Lip color
- Lip balm, etc.

Skin lotion

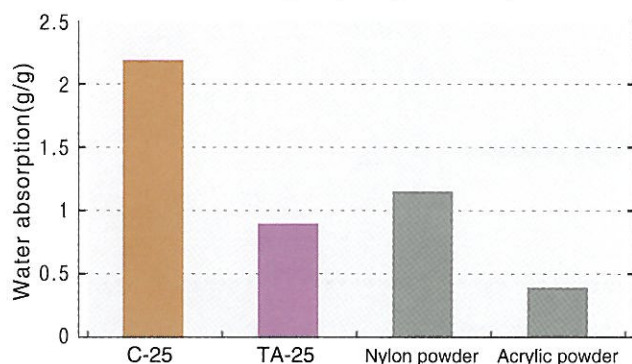
- Lotion containing a redispersible substance (powder-formulated lotion), etc.



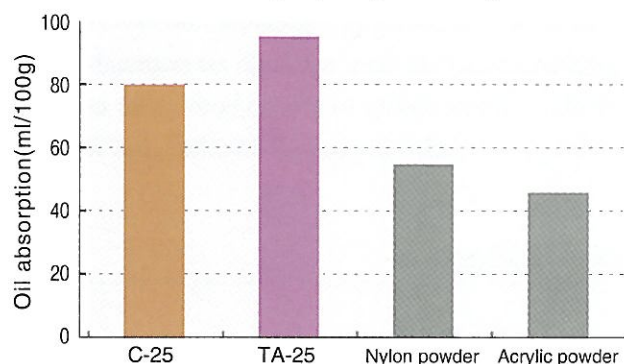
CELLUFLOW

Date

Water absorbing capacity of each particles



Oil absorbing capacity of each particles



Application

①Foundation

Propylene glycol	5.0 %
Bentonite	1.0 %
Triethanolamine	1.0 %
Cellulose C-25	10.0 %
Stearic acid	3.0 %
Stearyl alcohol	1.0 %
Liquid paraffin	8.0 %
Isopropyl myristate	5.0 %

Petrolatum	2.0 %
Glyceride monostearate	2.0 %
Polyoxyethylene 20 stearyl ether	1.0 %
Blended powder*	13.5 %
Preservative	0.5 %
Fragrance	0.3 %
Refined water	Remnant

②Milky lotion

Propylene glycol	5.0 %
Polyethylene glycol 1500	3.0 %
Carboxyvinyl polymer	0.1 %
Triethanolamine	1.0 %
Cellulose C-25	2.0 %
Liquid paraffin	10.0 %
Stearic acid	2.0 %
Cetyl alcohol	1.5 %

Petrolatum	3.0 %
Glyceryl monooleate	1.0 %
Polyoxyethylene 20 sorbitan monoglyceride	1.0 %
Preservative	0.2 %
Fragrance	0.1 %
Sequestering agent	0.05 %
Refined water	Remnant

③Lip color paste

Paraffin wax	7.0 %
Euphorbia cerifera (candelilla) wax	5.0 %
Lanolin alcohol	12.0 %
Methylphenyl polysiloxane (100c.s.)	17.0 %
Dextrin palmitate	1.0 %
Castor oil	50.0 %
Titanium dioxide	4.0 %

Cellulose C-25	3.0 %
Red no. 216	0.3 %
Iron oxide black	0.3 %
Iron oxide red	0.3 %
Dibutylhydroxytoluene	Adequate amount
Fragrance	Adequate amount

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