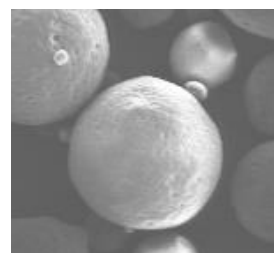
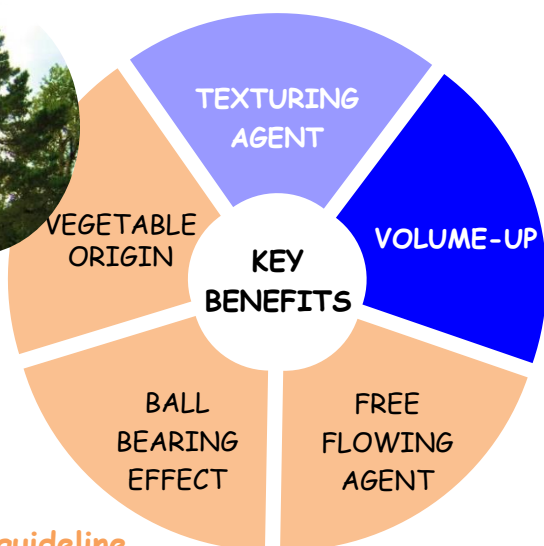


COMPOSITION	
INCI Name	CELLULOSE

	D-30	D-50	D-100
Particle size	20-40 μm	40-60 μm	80-120 μm
Oil absorption (ml/100g)	~ 60	~ 56	~ 53
Water absorption (%)	~140		



Use guideline

- Cold/Hot process
- Easily dispersible

Emulsions:

- Incorporate either in the water or oil phase or after the emulsion is formed.
- Use level: 0,1-2%

Powders:

- Mix with other powders
- Reduce powder agglomeration
- CELLULOBEADS D-50 are ideal for both loose and pressed powders since they allow a better adherence of the powder
- Use level: up to 10%

A colored grade of CELLULOBEADS D-100 with carbon black is available for use in mascara

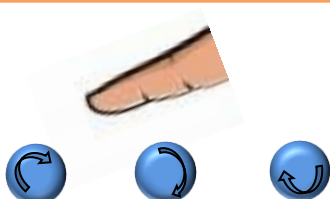
Chemical and physical properties

- White to yellowish free-flowing beads
- Odorless
- Superior hydrophilicity
- Biodegradable and renewable

Formulation

- **pH:** useful over a wide range of pH
- **Heat:** stable
- **Treated pigments:** compatible with all DAITO's treatments
- **Alcohols:** compatible
- **Organic solvents:** compatible
- **Thickeners:** compatible with carbomers, xanthan gums, acrylic biopolymers (MAKIMOUSSE) and cellulose derivatives (MOISPRAY C)

Cosmetic benefits



- Their spherical shape and smooth surface give very good lubricity
- Give formulations a silky and smooth feel
- Enhance flow and spreading properties

Applications

BLUSHES

DKE 140 Smooth chamallow blush- OTS
CELLULOBEADS D-50

EYESHADOWS

DKE 141 Bumping eyeshadow
CELLULOBEADS D-30

FOUNDATIONS

DKE 229 Evanescence W/Si liquid foundation
CELLULOBEADS D-30

Safety and regulatory information

Product safety: CELLULOSE produces non irritation to the skin and is non mutagenic. It is mildly irritating to the eyes.

Material Safety Data Sheets are available for all DAITO KASEI products.

REACH: CELLULOSE is exempted from registration.

CELLULOSE is listed on the major chemical inventories such CTFA, CosIng, AICS, DSL, KCID, IECIC2003 and/or IECIC2014.

For additional information

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