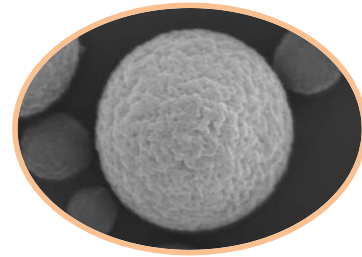
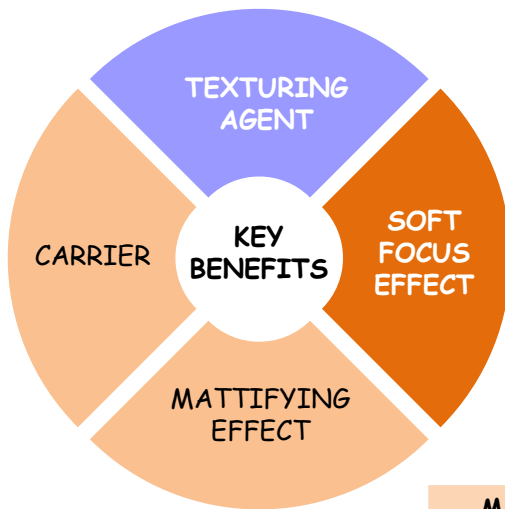


COMPOSITION	
INCI Name	METHYL METHACRYLATE CROSSPOLYMER



	MAKIBEADS 80	MAKIBEADS 150	MAKIBEADS 250
Specific area	80 m ² /g	150 m ² /g	250 m ² /g

Use guideline

- W/O emulsions: Add at the end of process
- O/W emulsions: Disperse the beads in the oil phase
- Powders: Mix with other powders
- Use level: 0,1-40%

Formulation

- **pH:** stable over a pH range of 4 to 10
- **Treated pigments:** compatible with all DAITO's hydrophobic treatments
- **Film formers:** compatible with acrylics
- **Organic solvents:** compatible
- **Heat:** good heat resistance

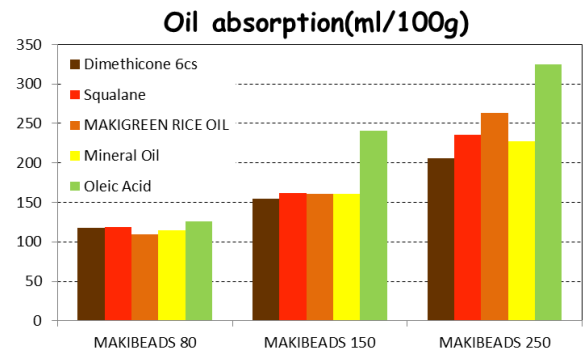
Cosmetic benefits

- Absorb sweat and sebum providing a dry and matte effect
- MAKIBEADS selectively absorb oils. Oil absorption is carried out at a low rate and over a long time. It is ideal for formulating long lasting shine control products
- Can be used in sun care products to reduce the tackiness and shininess of sunscreens
- Provide a smooth powdery feel
- Soft focus effect

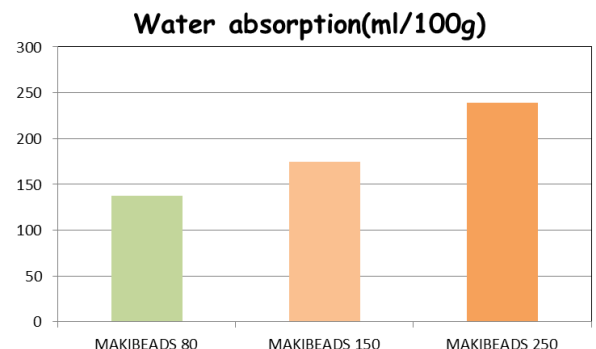
Chemical and physical properties

- Hollow spherical PMMA
- White powder
- Characteristic odor

Oil and water absorption



Selective absorption of oleic acid (sebum like)



Good moisture absorption capacity

Applications

SUNSCREENS

DKE 117 MAKIBEADS 80

reduces the greasy feel

SKIN CARE PRODUCTS

DKE 156 MAKIBEADS 250

acts as fragrance delivery system. Perfume molecules are carried in the pores of MAKIBEADS 250

DKK 015 MAKIBEADS 150

DKK 026 MAKIBEADS 250

Imparts a long lasting mattifying effect due to its high oil absorption capacity and its spherical form (multidirectional light diffusion)

Provides a comfortable texture with a very soft skin feel

FOUNDATIONS

DKE 181 MAKIBEADS 250

Stabilizes the formulation

DKK 17 MAKIBEADS 250

Absorbs sebum and reduces the greasy feel of oils

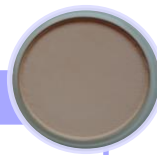
EYESHADOWS

DKE 183 MAKIBEADS 250

LIPSTICKS

DKE 85 MAKIBEADS 250

Provides a matte finish



Safety and regulatory information

Product safety: PMMA crosspolymer has been tested for skin irritation, eye irritation and mutagenicity. Results showed that this product does not cause skin irritation. PMMA crosspolymer is minimal irritant to the eyes and non mutagenic.

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

REACH: METHYL METHACRYLATE CROSSPOLYMER is exempted from registration.

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

For additional information

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