

Kobo Minerals

For Cosmetics

Latin America, Canada & Europe Program

Kobo Minerals are used in a variety of applications, including emulsions, hot pours, and powders found in Skin Care, Color Cosmetics and Toiletry products. Many are considered fillers which are widely used in shade matching to “fill in” areas where pigments are not used. They can contribute to a finished product by adding bulking properties, an **enhanced**

skin feel, luster, shimmer, shine and often times **sheen** while helping to fill in the lines on the skin so they appear less visible.

Kobo’s product line of minerals includes **sericite**, and **mica** materials. All grades are available with various surface treatments to further enhance their properties.

Sericite

Sericite is a white, **silky**, shiny substrate derived from a fine crystalline clay mineral. Compared with mica, it is thicker and provides **good spreadability** and a **smooth** texture when applied to the skin.

Product name	Avg. Particle Size (µm)	Properties
Sericite GMS-4C	2.5 - 4.5	Translucent color, smooth and soft skin feel.

Mica

KoboMicas offer **superior performance** and strict control of particle sizes. KoboMicas have very thin, flat & smooth surfaces. They offer **high slip**, excellent skin adhesion, spreadability and **high transparency**.

Product name	Avg. Particle Size (µm)	Properties
KoboMica S-25	22.0 - 26.0	Exceptional transparency, good sheen and coverage.
KoboMica L-27	25.0 - 29.0	Good transparency, excellent sheen and shine.

Kobo Surface Treatments Available on various minerals

	Treatment	Properties
Silicone Treatment	Silane (11S)	Silane treatment exhibits zero hydrogen potential and maximum water repellency.
	Methicone (MS)	Methicone treatment has excellent hydrophobicity.
Lipophilic Treatment	Titanate (I)	Kobo’s patented Titanate treatment is highly lipophilic and approved for use globally.
	Magnesium Myristate(MM)	Magnesium Myristate treatment has a creamy feel and is hydrophobic.
Hybrid Treatment	Crosspolymer (TTB)	Superdispersible treatment that wets out in oils, esters, silicones and hydrocarbons.
	Titanate/ Amino Acid(ASI)	Good dispersability in silicones and esters, while offering smooth feel and uniform adhesion on the skin.
Hydrophobic/ Lipophobic Treatment	Perfluoroalcohol Phosphate (PF)	This treatment is both hydrophobic and lipophobic. This treatment will give long lasting wear and a natural finish.
Natural Treatment	Jojoba Esters (NJE)	Hydrophobic, while offering creamy feel and good adhesion to the skin.
	Carnuba Wax (CW)	Gives creamy feel and good adhesion to the skin, while improving pressability.

KOBO

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