

Excel Mica JP-M

Aluminum Hydroxide Coated Mica

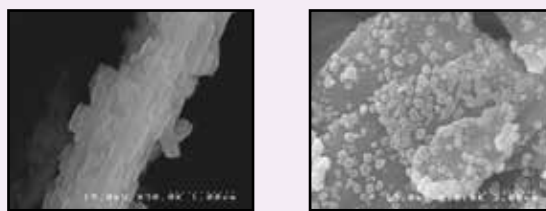
- Natural Brightness
- Made with American Mica
- Highly Transparent
- Refractive Index Similar to Skin



GENERAL INFORMATION

Excel Mica JP-M is a soft focus powder consisting of natural American Mica that is coated with Aluminum Hydroxide. This composite is close to the ideal skin pattern, has transparency and makes skin look bright.

INCI NAME : Mica (and) Aluminum Hydroxide



SEM pictures of Excel Mica JP-M x 5000

COMPOSITION

Ingredients/INCI Name	Wt (%)
Mica	60.0 - 70.0
Aluminum Hydroxide	30.0 - 40.0

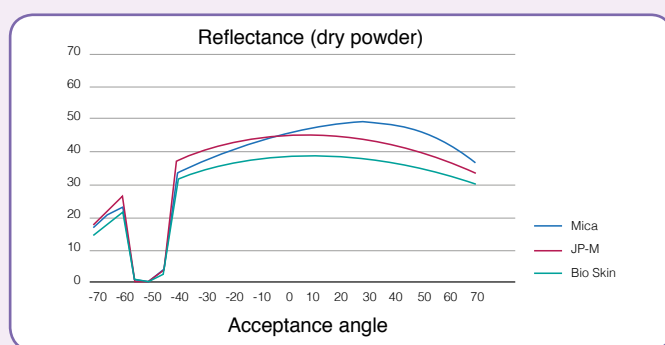
GENERAL PROPERTIES

Description	Oil Absorption (%) (Liquid Paraffin)	Bulk Density (ml/g)	Particle Size (µm)		
			d(10)	d(50)	d(90)
Excel Mica JP-M	130-140	4.5-5.5	5.6	12.1	26.1

Luster assessment

Mica, often used in makeup, is a flaky powder with a large aspect ratio. This property creates a strong surface sheen which looks unnatural on skin and makes wrinkles stand out. The characteristics of this product that improve the flaws above, were evaluated according to the following conditions.

Comparison : Bio Skin No.64, 30 µm membrane, bicolor (25% density)
We applied the sample to Bio Skin puffing at 0.2 mg/cm², and measured the reflectance with a variable angle glossmeter. (45° incident angle, -70° to 70° acceptance angle)



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Revers' O

FDT-R027

A Fresh & Eco-Friendly Foundation with long lasting properties.



	INCI	TRADE NAME	SUPPLIER	%
A	Water	Water	-	50.40
	Glycerin	Glycerin	InterChimie	5.00
	Methyl Propanediol	DUB Diol	Stearinerie Dubois	8.00
	Xanthan Gum	Keltrol CG SFT	Azelis	0.50
	Silica	SB-700	Miyoshi Europe	5.00
	Mica (and) Aluminum Hydroxide	Excel Mica JP-M	Miyoshi Europe	5.00
B	Pentaerythrityl Tetraisostearate	Crodamol PTIS	Croda	6.00
	Titanium Dioxide (and) Hydrogenated Olive Oil Stearyl Ester	MiyonAT OLV-White	Miyoshi Europe	6.20
	Iron Oxide (and) Hydrogenated Olive Oil Stearyl Ester	MiyonAT OLV Red	Miyoshi Europe	1.30
	Iron Oxide (and) Hydrogenated Olive Oil Stearyl Ester	MiyonAT OLV-Yellow	Miyoshi Europe	0.30
	Iron Oxide (and) Hydrogenated Olive Oil Stearyl Ester	MiyonAT OLV-Black	Miyoshi Europe	0.20
	Polyglyceryl-6 stearate (and) Polyglyceryl-6 Behenate	Tego Care PBS 6	Evonik / Adara	4.00
	Butyrospermum Parkii Butter	Blanova Shea Butter	Azelis	1.00
	Undecane (and) Tridecane	Cetiol Ultimate	BASF / Ami	5.00
	Crambe Abyssinica Seed Oil (and) Stearalkonium Hectorite (and) Propylene Carbonate	Bentone Gel ABO V	Elementis	1.50
C	Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	Geogard ECT	Lonza/Masso	0.60

PROCEDURE:

1. Disperse Keltrol CG SFT. Add SB-700 and Excel Mica JP-M under stirring (Turbotest VMI, Dispersion propeller). Heat Phase A to 65°C.
2. Grind pigments with Crodamol PTIS with three-roll mill. Add other raw materials. Heat phase B to 65°C. Well homogenize before emulsion.
3. Add phase B into A under stirring (Turbotest VMI, Dispersion propeller).
4. Add phase C at room temperature.



Soft Focus Effect



Long Lasting



Natural Coverage

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