## PIGMENTS

### Arcpearl™ FEHD Series

**Description:**
INCI: Synthetic Fluorphlogopite, Tin Oxide, [+/ CI 77891, CI 77491]

**Features & Functions**
A new generation of synthetic mica flakes, these high definition effect pigments utilize a unique patented technology designed to coat synthetic mica in a novel, unconventional way. Unlike conventional layered pigments, Arcpearl™ FEHD Series uses synthetic mica coated by iron oxide and then titanium dioxide to create a new layered pearl pigment. This new layering process creates outstanding visual and sparkle effects that offer exceptional brightness, intense chroma and superior sensory benefits unlike traditional pigments.

**Particle size:** 20-80 μm (Ø ca.37 μm)

**Available colors:**
- Arcpearl™ FEHD 400 - Silver
- Arcpearl™ FEHD 410 - Interference Gold
- Arcpearl™ FEHD 420 - Interference Red
- Arcpearl™ FEHD 430 - Interference Violet
- Arcpearl™ FEHD 440 - Interference Blue
- Arcpearl™ FEHD 450 - Interference Green

**Particle size:** 40-200 μm (Ø ca.90 μm)

**Available colors:**
- Arcpearl™ FEHD 500 - Silver
- Arcpearl™ FEHD 510 - Interference Gold
- Arcpearl™ FEHD 520 - Interference Red
- Arcpearl™ FEHD 530 - Interference Violet
- Arcpearl™ FEHD 540 - Interference Blue
- Arcpearl™ FEHD 550 - Interference Green

### Arcpearl™ Gloss Series

**Description:**
INCI: Synthetic Fluorphlogopite

**Features & Functions**
Synthetic mica extender pigments exceptionally designed with unique production process that guarantees low level of heavy metals and Fluorine elution.

**Available colors:**
- Arcpearl™ 20-Gloss - Particle size: 20 μm
- Arcpearl™ 10-Gloss - Particle size: 10 μm
- Arcpearl™ L8-Gloss - Particle size: 8 μm

### Arcpearl™ Pure Series

**Description:**
INCI: Mica, Tin Oxide, [+/ CI 77891, CI 77491]

**Features & Functions**
Advancing natural mica-based technologies, Arcpearl™ Pure pearlescent pigments are finely coated metallic oxide onto a smooth surfaced natural mica substrate. These effect pigments display intense luster, high chroma and excellent sensory benefits with exceptional value for cost effective formulations.

**Particle size:** 10-60 μm

**Available colors:**
- Arcpearl™ Pure 1060T-WR - Wine red
- Arcpearl™ Pure 1060T-BGA - Bright gold
- Arcpearl™ Pure 1060T-GA - Gold
- Arcpearl™ Pure 1060R - Interference Blue
- Arcpearl™ Pure 1060GR - Interference Green
- Arcpearl™ Pure 1060RB - Interference Blush Red
- Arcpearl™ Pure 1060RBR - Interference Yellowish Red
- Arcpearl™ Pure 1060YR - Interference Yellow
- Arcpearl™ Pure 1060SR - Silver

**Particle size:** 5-25 μm

**Available color:**
- Arcpearl™ Pure 0525SR: Silver

**Particle size:** <15 μm

**Available color:**
- Arcpearl™ Pure E 0015SR - Silver
**PIGMENTS**

**» Aquaspersabil Series**

**Description:**
INCI:
Sodium C14-16 Olefin Sulfonate, Tin Oxide, CI 77891, [±/CI 77491]

**Features & Functions**
The Aquaspersabil Series is comprised of surface-treated pigments with long-lasting performance. They provide instantaneous dispersibility in aqueous systems and are both shear- and temperature-resistant.

**Particle size: 0.2-10 μm**

**Available colors:**
Aquaspersabil BkIO - Black
Aquaspersabil R TiO2 - White
Aquaspersabil RIO - Red
Aquaspersabil YIO - Yellow

**» Arcopearl™ Sparkle Series**

**Description:**
INCI:
Synthetic Fluorphlogopite, Tin Oxide, CI 77891, [±/CI 77491]

**Features & Functions**
Engineered to deliver superior whiteness, high chroma, intensity and brightness, the Arcopearl™ Sparkle portfolio consists of smoothly coated synthetic mica pigments that add dramatic visual effects with superior interference colors due to the crisp whiteness of its base and exceptional sensory. They have a guaranteed low level of heavy metal specifications.

**Particle size: 5-30 μm (Ø ca.13 μm)**

**Available colors:**
Arcopearl™ Sparkle 200 - Silver
Arcopearl™ Sparkle 210 - Interference Gold
Arcopearl™ Sparkle 211 - Gold
Arcopearl™ Sparkle 220 - Interference Red
Arcopearl™ Sparkle 230 - Interference Violet
Arcopearl™ Sparkle 240 - Interference Blue
Arcopearl™ Sparkle 250 - Interference Green

**Particle size: 20-80 μm (Ø ca.37 μm)**

**Available colors:**
Arcopearl™ Sparkle 400 - Silver
Arcopearl™ Sparkle 410 - Interference Gold
Arcopearl™ Sparkle 411 - Gold
Arcopearl™ Sparkle 420 - Interference Red
Arcopearl™ Sparkle 430 - Interference Violet
Arcopearl™ Sparkle 440 - Interference Blue
Arcopearl™ Sparkle 450 - Interference Green

**Particle size: 5-60 μm (Ø ca.21 μm)**

**Available colors:**
Arcopearl™ Sparkle 300 - Silver
Arcopearl™ Sparkle 310 - Interference Gold
Arcopearl™ Sparkle 311 - Gold
Arcopearl™ Sparkle 320 - Interference Red
Arcopearl™ Sparkle 330 - Interference Violet
Arcopearl™ Sparkle 340 - Interference Blue
Arcopearl™ Sparkle 350 - Interference Green

**Particle size: 40-200 μm (Ø ca.90 μm)**

**Available colors:**
Arcopearl™ Sparkle 500 - Silver
Arcopearl™ Sparkle 510 - Interference Gold
Arcopearl™ Sparkle 511 - Gold
Arcopearl™ Sparkle 520 - Interference Red
Arcopearl™ Sparkle 530 - Interference Violet
Arcopearl™ Sparkle 540 - Interference Blue
Arcopearl™ Sparkle 550 - Interference Green
## Bismica Series

**Description:**

INCI:
Bismuth Oxychloride, Mica, 
[+] CI 75470, CI 77007, CI 77288, 
CI 77289, CI 77491, CI 77492, 
CI 77499, CI 77510, CI 77742, 
CI 77891], Magnesium Stearate*, 
Calcium Stearate**

**Features & Functions**

Bismica Pearl Pigments are uniquely bonded combinations of pigments, bismuth oxychloride and mica. These UV-stable pearlescent pigments provide intense color and superior skin adhesion with a subtle satin luster. They avoid process-intensive milling, because they are readily blended, dispersed or compressed into cosmetic formulations.

**Particle size:** 1-150 μm

**Available colors:**
- Bismica Aqua*
- Bismica Black*
- Bismica Brown*
- Bismica Dark Blue*
- Bismica Dorado*
- Bismica Green**
- Bismica Light Blue**
- Bismica Magenta*
- Bismica Mauve*
- Bismica Purple*
- Bismica Red**
- Bismica Violet*
- Bismica Yellow*

## Bismica MAX Series

**Description:**

INCI:
Bismuth Oxychloride, Mica, 
[+] CI 75470, CI 77007, CI 77288, 
CI 77289, CI 77491, CI 77492, 
CI 77499, CI 77510, CI 77742, 
CI 77891], Lauroyl Lysine*

**Features & Functions**

The Bismica MAX Series contains "high octane" pigment compounds with a high colorant load (~70%) to create an intense color impact with easy dispersibility. It is ideal for all color cosmetic applications.

**Particle size:** 1-150 μm

**Available colors:**
- Bismica MAX Aqua
- Bismica MAX Black
- Bismica MAX Blue
- Bismica MAX Brown
- Bismica MAX Dorado
- Bismica MAX Green
- Bismica MAX Magenta
- Bismica MAX Mauve
- Bismica MAX Purple
- Bismica MAX Red
- Bismica MAX Violet
- Bismica MAX White*
- Bismica MAX Yellow
### Oleosperse Series

**Description:**

INCI:
Dimethicone, +/- CI 77491, CI 77499, CI 77891

**Features & Functions**

The Oleosperse Series is comprised of reactive silicone blends applied to pigment surfaces. The resulting polymers are resistant to separation, extraction, shear forces and temperature. Oleosperse pigments are easily dispersible in oils and silicones, preventing water uptake.

Particle size: >100 nm (no data for Oleosperse TiO2)

**Available colors:**
- Oleosperse BkIO - Black
- Oleosperse R TiO2 - White
- Oleosperse TiO2 - White
- Oleosperse RIO - Red
- Oleosperse YIO - Yellow

### PEARLFLAKE Series

**Description:**

INCI:
Bismuth Oxychloride, Isododecane, Copernicia Cerifera (Carnauba) Wax, Butyrospermum Parkii (Shea) Butter, +/- CI 15850, CI 75470, CI 77007, CI 77288, CI 77289, CI 77491, CI 77492, CI 77499, CI 77510, CI 77742, CI 77891

**Features:**

A new generation of color cosmetic pearlescent wax pigments with high-impact color, rich luster and intense brilliance. PEARLFLAKES can be easily incorporated in-process, mixed or dispersed into formulations.

**Available colors:**
- PEARLFLAKE Aqua
- PEARLFLAKE Black
- PEARLFLAKE Blue
- PEARLFLAKE Bronze
- PEARLFLAKE Brown
- PEARLFLAKE Dorado
- PEARLFLAKE Green
- PEARLFLAKE Magenta
- PEARLFLAKE Purple
- PEARLFLAKE Red
- PEARLFLAKE Red 7
- PEARLFLAKE White
## PIGMENTS

### Pearl Series

**Description:**
- INCI: Bismuth Oxychloride

**Features & Functions**
- These Pearl Series displays excellent adhesion with exceptional compressibility and binding characteristics.
- They produce a unique play of colors together with a pearl luster.

**Average particle sizes and finishes**
- Pearl I - 5-50 μm, brilliant finish
- Pearl II - 5-20 μm, matte finish
- Pearl 2600 UVS - 2-10 μm, matte finish
- Pearl Supreme UVS - 10-80 μm, brilliant finish
- Satin B-UVS - 1-20 μm, soft matte finish

### Pearl UCR Series

**Description:**
- INCI: Bismuth Oxychloride, Zinc Oxide

**Features & Functions**
- The Pearl UCR grades have the same characteristics as the original pearls with the added benefit of being UV stable. They do not darken upon exposure to UV light.

**Average particle size and finishes:**
- Pearl 1015 UCR - 20-100 μm, brilliant finish
- Pearl I UCR - 5-50 μm, brilliant finish
- Pearl II UCR - 5-20 μm, matte/satin finish
- Pearl Supreme UCR - 10-80 μm, brilliant finish
- Satin B-UCR - 1-20 μm, matte/satin finish