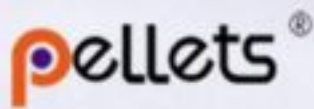




pellets[®]

重庆小丸科贸有限公司

Chongqing Pellets Techniques & Trade Co.,Ltd



The PELLETS is a company focusing on the technologies of granulation, pelletization, particle coating, and encapsulation. The art of the particle and micro-capsulation is an exact science requiring special knowledge and expertise. The PELLETS was created by the experts who have more than 15 years working experience in particle and encapsulation technology and developed from a laboratory of pharmaceutical machinery. We combine our traditional expertise in pharmaceutical engineering and high experienced chemists, our breadth of industry knowledge and wide spectrum of technology platform allow us to provide creative value-added products for our customers. No matter our customers ask a simple granulation or a special encapsulation, they all can have technique, R&D, or production support from us.

Our GMP certificated manufacturing site can provide a service from lab scale samples to full scale production. Our products are applied in various markets including pharmaceutical, personal care, food, feed and special chemical.

We dedicate in

- 1) Liquid solidification
- 2) Granulation
- 3) Pelletization
- 4) Particle coating / Surface modification
- 5) Encapsulation / Delivery system

We service in

- 1) Standard products
- 2) Contract R&D
- 3) Contract manufacturing

Colorlets & Pearlets

Colorlets & Pearlets are colored shimmering visual micro spheres. They are customer designed delivery system which can incorporate hydrophobic or hydrophilic actives such as fragrances, glitters, pigments, vitamins, herb extracts etc. They can be soft in the water based products but retain the sphere shape. They are easily dispersed by finger to with a super smooth feeling without leaving any shell residues. Colorlets and Pearlets are used in the transparent or semitransparent gels, emulsions, shampoos, soaps, tooth paste, lotions and creams to provide visual effects and delivery actives.

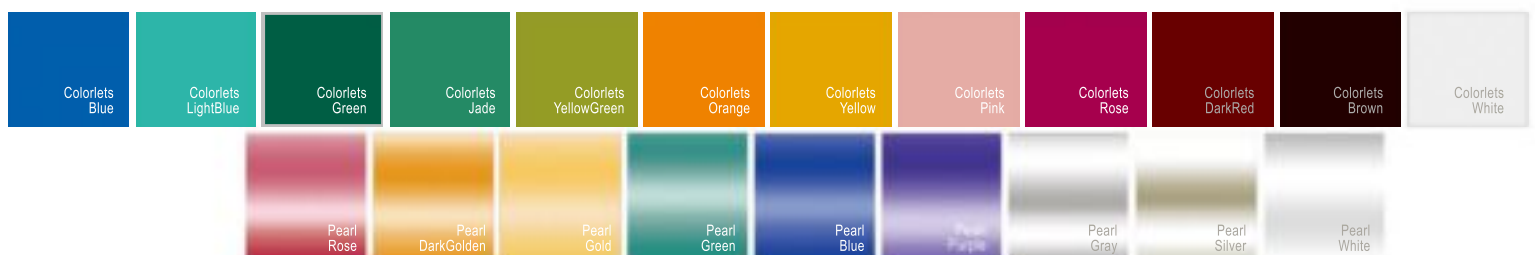
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Colorlets and Pearlets consist: sucrose, corn starch, MCC, lactose or mannitol, HPMC, pigments, glitters and active ingredients etc, and have following characters:

- Solid and hard spheres
- Neutral and stable ingredients carrier
- Payload capacity 0-30% w/w depend on the actives
- Customer designed colors, sizes and functions
- Loading actives
 - vitamins: VE, VA, VC, VB5 etc
 - Plant extract: aloe, olive, menthol, mint etc
 - Vegetable oil: jojoba, shea butter, almond, rose hip, grape seed, etc
 - Ingredients: anti-age, anti- acne, whiten agent, etc
- Available sizes are 400-700, 500-900, 800-1200, 1000-1800µm.
- Use level 0.5% - 3%



Pellets for Oral Care

PELLETS developed series products for tooth paste. They can be microcapsules (Oralets) soften in tooth paste to delivery actives for oral health. They also can be hard particles (Silicalets) for scrubbing.

Oralets are customer designed hard spheres not to be broken in the tooth paste manufacturing process, They can be soften in toothpaste after few hours and retain perfect spherical shape. Oralets not only encapsulate the active ingredients to make them stable but also decorate the final products. They are broken down at once under the force of tooth brush then release active ingredients to against inflammation, decayed tooth, gingivitis, bad odor etc.

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Oralets series

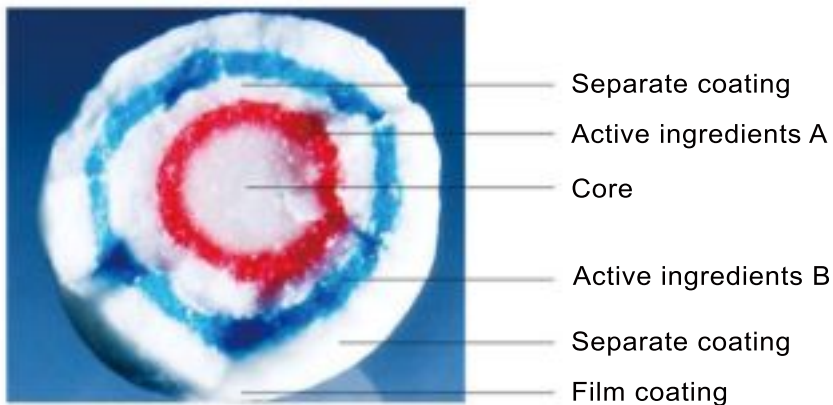
Oralets - Menthol: contain 30% L-menthol to give extra fresh feeling

Oralets - Herb: contain green tea, bamboo, honeysuckle flower, lavender, lemon, etc.

Oralets - Vc, NaCl etc

Silicalets are 100% silica particles with various colors and almost spherical shape. They can gently scrub the teeth without hurting gingival. standard colors:white, blue, green, orange etc. Size:200-500 μ m

The Structure of Oralets



Factures of Oralets

- Perfect spherical appearance
- Hard and solid in bulk
- Easily apply to manufacture process without broken
- Different size available
- Soften in tooth paste
- Use level 0.5% - 1%

Waxlets & Wax-complex

Waxlets are hard, smooth, semitransparent, colored, free-flowing wax spheres. The waxlets can be made by nature wax including carnauba wax, Candelilla wax, sun flower wax etc or synthetic wax such as paraffin wax, microcrystalline wax. Waxlets are used as exfoliants or scrubbing agent in shower gel, face cleaner, tooth paste etc. Unlike natural scrubbing agent, they are chemically inert and do not support microbial and fungal growth.

Wax-complex is hard, smooth no-transparent, colored, free-flowing spheres. They have similar character with waxlets, but they are solid sphere cores with a wax shell. The internal cores can adjust the density of beads to be suspended better in the gel.

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SILICALETS

SILICALETS are high quality and colored silica particles with different sizes and hardness. They provide gentle and effective exfoliation in facial cleansers, shower gels, hand and foot scrubbing and tooth pastes etc. The innovation of SILICALETS is that the feeling of hardness can be adjusted and the particles can be broken down slowly when rubbed on the skin without any residuum. SILICALETS are mineral scrubs which is nature and friendly with environments comparing with the PE beads or the wax beads SILICALETES do not encourage the microbial growth comparing with some natural scrubbing agents. The colored SILICALETS deliver not only tactile "rolling massage" but also visual activity for marketing success.

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- Almost 100% silica granules with irregular form
 - Hard and unbroken granules
 - Effective exfoliation and dirty clean
 - Nature mineral scrubbing agents does not encourage microbial growth
 - Friendly with environments
 - Customer desired colors and sizes
 - Visual attract
-
- Perfect spheres
 - Hardness adjustable
 - Broken down when rubbed on the skin without residuum
 - Gentle exfoliation and minimize dermabrasion
 - Customer desired colors and sizes
 - Do not encourage microbial growth
 - Friendly with environments
 - Visual attract



Softlets

Softlets are aqueous gel wet microcapsules which incorporate with polymers, pearl powder, and hydrophobic actives. Softlets are bathed in the free water to keep them fresh and intact until they are applied in the formulations such as transparent essential gel, shampoo, shower gel, eye gel, lotion and cream. They are easily broken down with out any residues.

Soflets-Pearl series have soft sheen like real pearls to bring radiance, nutrition, beauty onto the skin like never before.

Soflets-foundation series have high concentrate matt pearl powder, colors and micro sparkles, to smooth away fine lines, conceal blemishes and to give a natural-looking skin.

Softlets – Caviar series are transparent beads like real caviars to delivery skin nutrition.

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Factures

- Wet micro-capsules kept in free water
- Perfect spheres with variety of color
- Incorporate hydrophobic actives
VE, VA, essential oils, edible oils, solid powder, skin emollients, hair conditioners, sun screen, and pigments etc.
- Easily rubout without any residue
- Stable in wide PH 3-10
- Available size: 0.5-1.5mm, 1.5-3mm, 3-5mm, 5-7mm
- Use level: 0.5% -70% depend on the applications

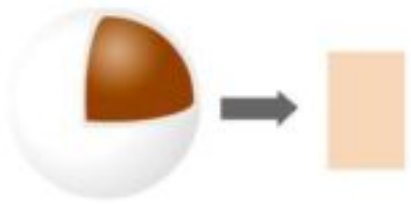


Amazing color

Amazing color are high concentrated pigments microcapsules. The internal colors are efficiently coated by an external color. Only when you disperse it upon the skin, the internal colors are broken out interestingly and mixed with external color to present a natural skin color finally. It is a new concept for making up. Amazing color integrates foundation powder, sun screen, color, and skin nutrition in one microcapsule and can be mixed in lotion directly. The complicate make-up process is simplified and present a natural, luminous, long-lasting finish.

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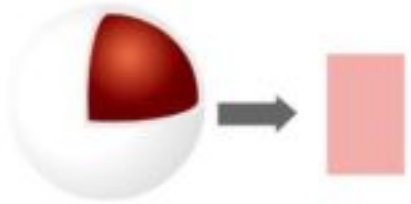




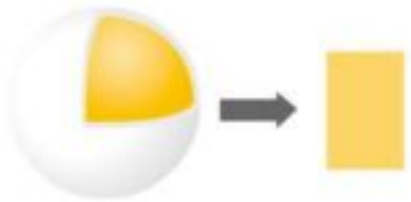
Amazing Color – Ivory: To conceal imperfections, whiten skin, correct dark skin tone.



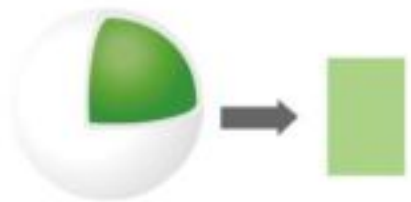
Amazing Color – Black: Used together with amazing color yellow and red to adjust out a desired skin color.



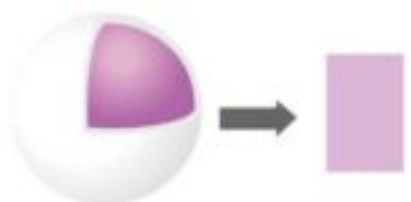
Amazing Color – Red: Used together with amazing color black and yellow to adjust out a desired skin color .



Amazing Color – Yellow: Used together with amazing color black and red to adjust out a desired skin color.



Amazing Color – Green: To neutralize redness, to correct red skin tone.



Amazing Color – Purple: To correct Asian dark yellow skin tone.

Salt Caviar & Bath salt

Salt caviar and bath salt are made by pure sea salt with desired color, perfume and actives such as herb extract, vitamins for skin health. Sea salt can soft the skin, repair the imperfection, restrain microbial growth to make the skin smoother and healthier. Add handful salt caviars to your running bath water for a perfect relaxing SPA.

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Bath salt & Salt caviars

- In natural crystal form or spherical form
- Variety of colors
- Variety of fragrance
- Hard and solid in bulk (easy to process and delivery)
- Size available 200-5000 μ m
- Dissolved in water absolutely
- Used in salt scrub products

How to use

- Add handful bath salt or Salt caviars in water
- Use as face or Body scrubbing agent

Fragrance Absorbent Aroma Beads

Aroma beads are scented white or colored solid beads principally made by diatomite and available in three sizes small(2-3mm), medium (3-4mm) and large (4-6mm). They can absorb up to 60%(w/w) of their weight fragrance essential oils but still keep free-flowing ability. They diffuse the fragrance slowly and last up to a few months. They are perfect for using in potpourri, sachets for cars, closets, drawers, luggage, etc. and as an alternative to candles without flame danger. They look gorgeous in pretty glass jars.



*Relaxing
in the sweet-scented air created
by pellets ...*







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