

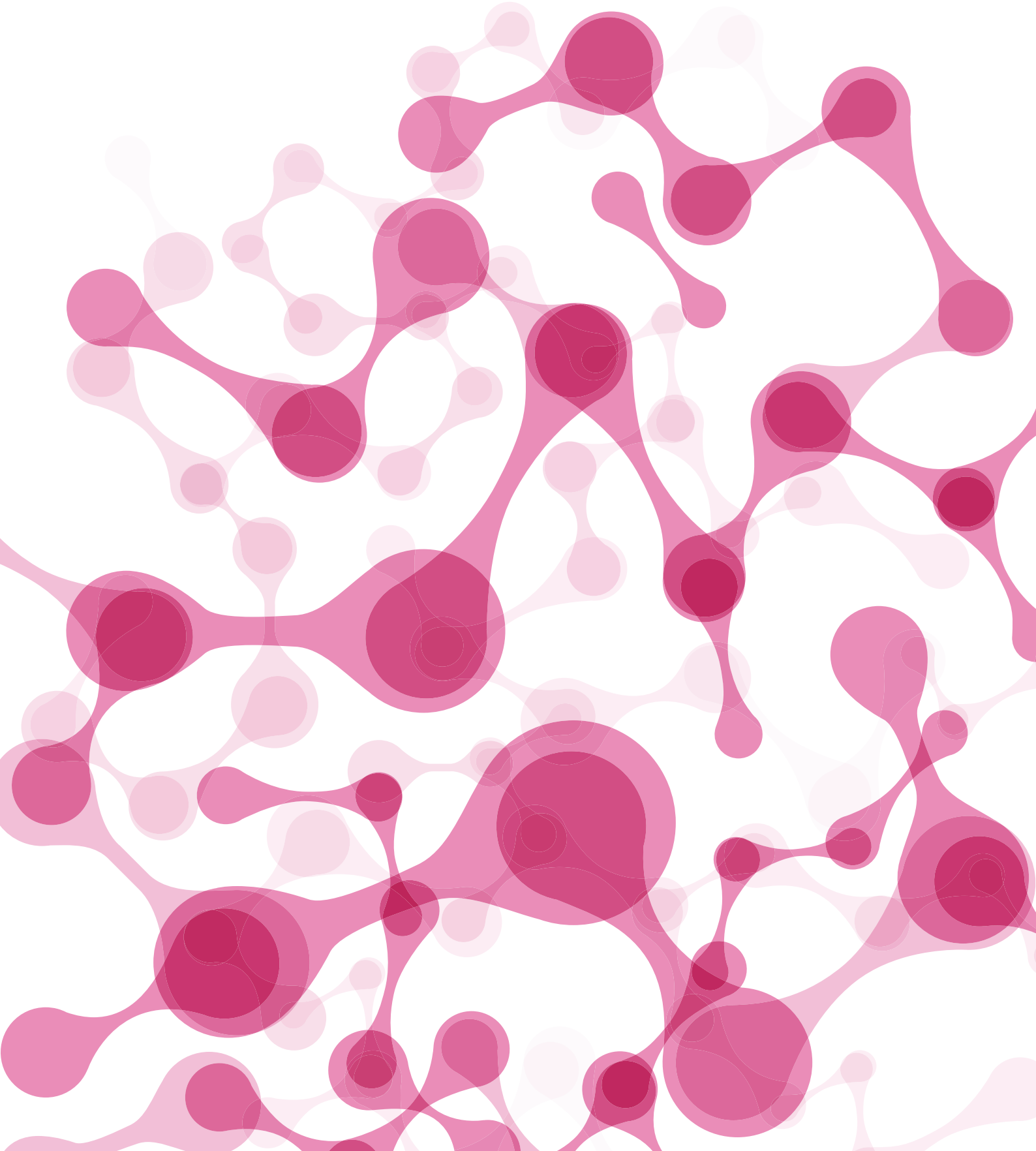


AromasulesTM

(Home & Personal Care)



UMANG[®]
encapsulation solutions

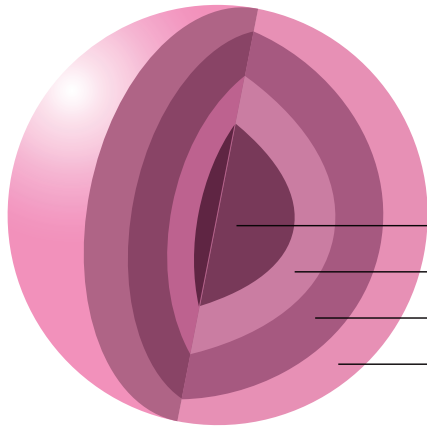


*Available in natural & synthetic colours as per Pantone shade card

Aromasules™

Aromasules encapsulating the aromas, fragrances, and sensory markers to improve the characteristic odour, controlled release, increased the shelf life and reduce the deterioration of aroma or fragrance from the environmental factor.

Aromasules shell wall like this: Poly Vinyl Alcohol, Poly Vinyl Acetate, PEG 400, PEG 4000, PEG 6000, Maltodextrin, Gum Acacia, Gelatin, Hi Cap 100, Non Ionic Surfactant (Triton X 100, Span 40, Span 60), Cationic Surfactant (SLS, SLES, Sodium Stearate).



Release Control Polymer

Core granules or crystals

Drug layer

Protective coating or additional control polymer

*Particle sizes:

XS = < 0.2mm

VVS = 0.2 - 0.3 mm

VS = 0.3 - 0.6 mm

S = 0.6 - 0.8 mm

M = 0.8 - 1.4 mm

L = 1.4 - 2.0 mm

XL = 2 - 5 mm

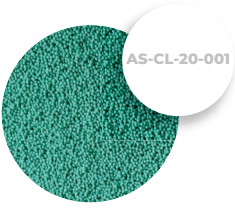


AS-LA-25-003

Lavender

Encapsulated free flowing lavender aroma and controlled released of fragrances at targeted site

Applications:

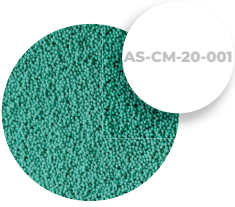


AS-CL-20-001

Citrus lime

Encapsulated free flowing Citrus lime aroma and controlled released of fragrances at targeted site

Applications:

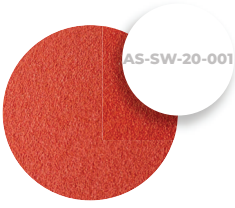


AS-CM-20-001

Cool mint

Encapsulated free flowing Cool mint aroma and controlled released of fragrances at targeted site

Applications:

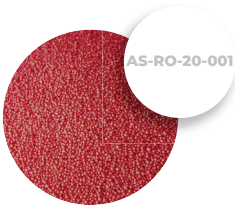


AS-SW-20-001

Sandalwood

Encapsulated free flowing Sandalwood aroma and controlled released of fragrances at targeted site

Applications:

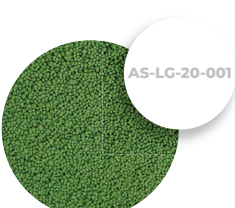


AS-RO-20-001

Rose

Encapsulated free flowing Rosea aroma and controlled released of fragrances at targeted site

Applications:



AS-LG-20-001

Lemongrass

Encapsulated free flowing Lemongrass aroma and controlled released of fragrances at targeted site

Applications:



AS-JA-20-003

Jasmine

Encapsulated free flowing Jasmine aroma and controlled released of fragrances at targeted site

Applications:

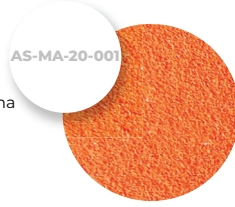


AS-LI-25-003

Lily

Encapsulated free flowing Lily aroma and controlled released of fragrances at targeted site

Applications:

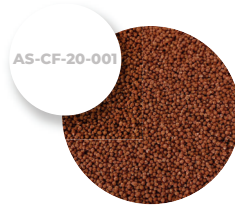


AS-MA-20-001

Mandarin

Encapsulated free flowing Mandarin aroma and controlled released of fragrances at targeted site

Applications:

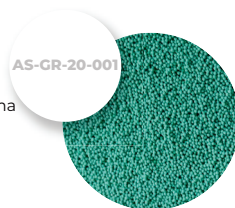


AS-CF-20-001

Coffee

Encapsulated free flowing Coffee aroma and controlled released of fragrances at targeted site

Applications:

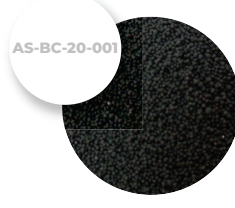


AS-GR-20-001

Green tea

Encapsulated free flowing Green tea aroma and controlled released of fragrances at targeted site

Applications:



AS-BC-20-001

Black Cherry

Encapsulated free flowing Black cherry aroma and controlled released of fragrances at targeted site

Applications:



Oral Care



Skin Care

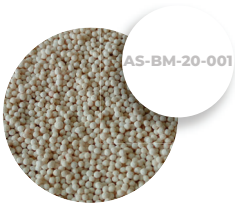


Hair Care



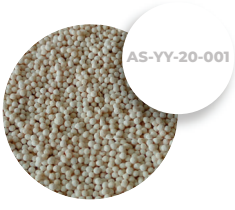
Home Care

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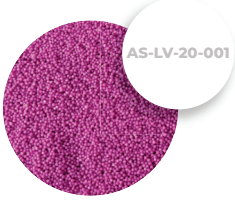
Black Chamomile

Encapsulated free flowing Black Chamomile aroma and controlled released of fragrances at targeted site
Applications:



Ylang Ylang

Encapsulated free flowing Ylang Ylang aroma and controlled released of fragrances at targeted site
Applications:



Lavender Vanilla

Encapsulated free flowing lavender Vanilla aroma and controlled released of fragrances at targeted site
Applications:

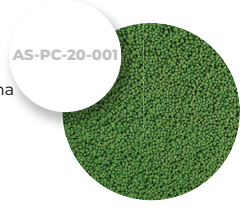


Cinnamon spiced Vanilla

Encapsulated free flowing Cinnamon Spiced vanilla aroma and controlled released of fragrances at targeted site
Applications:

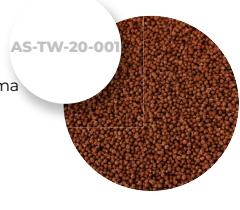
Patchouli

Encapsulated free flowing Patchouli aroma and controlled released of fragrances at targeted site
Applications:



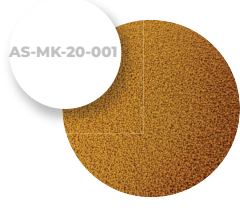
Teakwood

Encapsulated free flowing Teakwood aroma and controlled released of fragrances at targeted site
Applications:



Musk

Encapsulated free flowing Musk aroma and controlled released of fragrances at targeted site
Applications:



& many more customized solutions...

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L = 1.4 - 2.0 mm

XL = 2 - 5 mm



Oral Care



Skin Care



Hair Care



Home Care

Our Global Reach



 **Umang Pharmatech Pvt. Ltd. (Engineering)**

 **Umang Global Group Pvt. Ltd. (Pharma)**

 **Umang Particle Science Pvt. Ltd. (Personal Care)**

 **Umang Encapsulation Solutions Pvt. Ltd. (Nutraceuticals & Food)**


 **Labultima Process Technology Pvt. Ltd. (Spray Drying)**



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