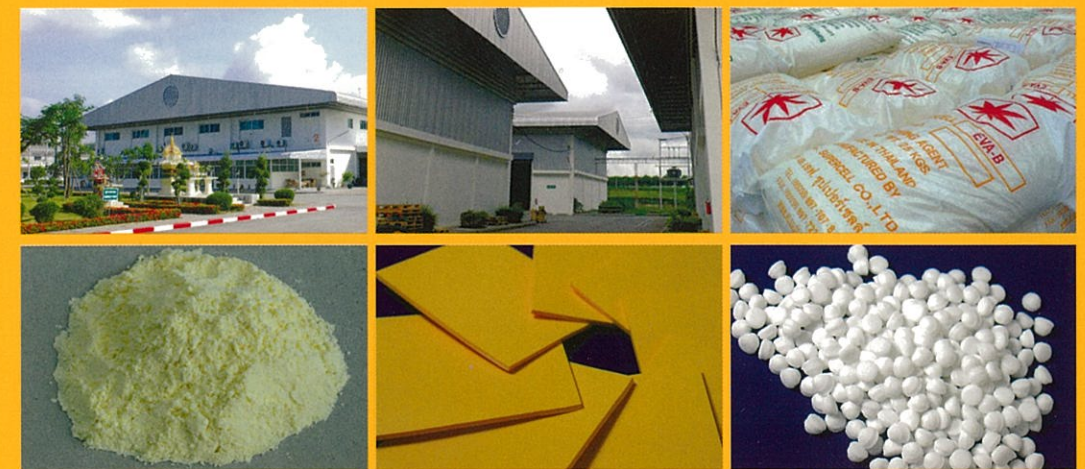


Supercell™

Chemical Blowing Agent



Products :

- Mixture Blowing Agent (Supercell AK-Series)
- Nucleating Agent (Supercell CA-Series)
- Dinitrosopentamethylenetetramine (Supercell DP)
- Sulfonyl Hydrazide (Supercell H-Series)
- Inorganic Blowing Agent (Supercell IB-Series)
- Promotor (Supercell Promotor)
- Modified Azodicarbonamide (Supercell RC-Series)
- Azodicarbonamide (Supercell VR-Series)
- Masterbatch Blowing Agent (Supercell MP-Series and MS-Series)



A.F. Supercell Co., Ltd.

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Masterbatch Chemical Blowing Agent

Newly developed

- Pellet Form and Sheet Form
- Excellent Dispersion Ability
- Dustless for Environment Friendly
- Auto Scaling

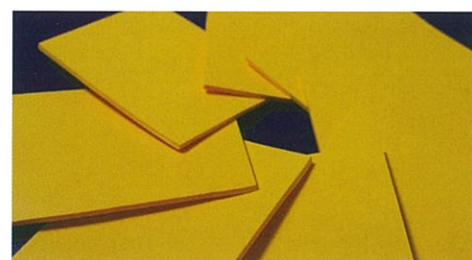


MP-Series

Decomposition Temperature & Gas Volume: Customized according to blowing agent content

Content: 20 - 60 %

Description: Masterbatch Blowing Agent in form of pellet has been developed to be suitable for many kind of foaming processes such as extrusion, injection, rotation molding, etc. Supercell MP-Series are excellent in dispersion ability and user friendly with dustless and auto scaling.



MS-Series

Decomposition Temperature & Gas Volume: Customized according to blowing agent content

Content: 20 - 60 %

Description: Alternative Masterbatch Blowing Agent in form of sheet has been developed to be easy use as well as Supercell MP-Series. Supercell MS-Series has excellent dispersion ability and environmental friendly. Our MS-Series are mainly used in synthetic rubber such as EPDM, SBR and NBR. They are also available in many kind of other type of polymers as customer requested.

AK-Series



Decomposition Temperature: 130- 165 °C
Gas Volume: 140 - 165 ml/g

Description: Mixture Blowing Agent based on Azodicarbonamide combination with Dinitrosopentamethylenetetramine and Promotor for rubbers & polymers mixed products. Supercell AK-Series are suitable for many type of polymers such as PE, PP, PS, SBR, NBR, etc. Our AK-Series are customized to satisfy physical properties of final foamed product such as cell structure, hardness and expansion ratio.

IB-Series



Decomposition Temperature: 120- 200 °C
Gas Volume: 125 ml/g
Particle Size: 7.0 - 12.0 µm

Description: We have developed Inorganic Blowing Agent to use properly in the selected foaming industry for many processes such as extrusion, injection and compression molding.

CA-Series



Description: Supercell CA-Series is the Nucleating Agent to use in PE Foam industry to cooperate with normal process of gas expansion butane or LPG for enhancing the properties of finished foam product. Supercell CA-Series has high dispersion ability, odorless and colorless.

Promotor



Decomposition Temperature: -
Gas Volume: -
Particle Size: 7.0 - 12.0 µm

Description: Supercell Promotor is the special surface treated urea activator to use with Supercell DP and Supercell VR-Series for foaming process to improve decomposition behavior and the rate of cure.

DP-Series



Decomposition Temperature: 190 - 205 °C
Gas Volume: 190 - 210 ml/g

Description: Organic blowing agent, Dinitrosopentamethylenetetramine, has been widely used in rubber industry. Our high quality of Supercell DP will always satisfy our customer for producing sponges and expanded rubber.

RC-Series



Decomposition Temperature: 110 - 190 °C
Gas Volume: 120 - 230 ml/g

Description: Supercell RC-Series is a new development based on Modified Azodicarbonamide. We have modified our RC-Series especially for EVA/ LDPE/ LLDPE compression and also PVC Injections.

H-Series



Decomposition Temperature: 100 - 190 °C
Gas Volume: 120 - 140 ml/g

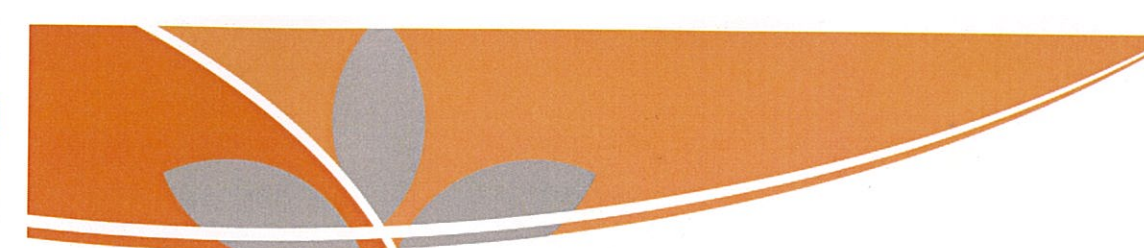
Description: Supercell H-Series is a newly developed white chemical blowing agent, one of the Sulfonyl Hydrazide. It produces nondiscolouring, nonstraining, nontoxic and odorless nitrogen gas. Supercell H-Series is of particular advantage in the processing of Natural and Synthetic sponge rubber and expanded plastics, especially EPDM, Chloroprene, EVA co-polymers, and LDPE.

VR-Series



Decomposition Temperature: 200 - 210 °C
Gas Volume: 240 - 260 ml/g
Particle Size: 4.5 - 10.0 µm

Description: Chemical blowing agent, Azodicarbonamide, which has been developed for widely use in many kind of polymers including PVC, PE, PP, PS, EVA, ABS etc. Supercell VR-Series are applicable for many processes such as compression, extrusion, injection, calendering, rotation molding, etc.



"Never stop exploring the future"

Company Profile

Company Name: A.F.SUPERCCELL CO., LTD. (BOI PROMOTED)
Chairman: Mr.Rungroj Bandapraneat
CEO: Mr.Jakawarn Bandapraneat
Operated: Since 2005
Factory: 24,000 sqm.
No. of Employee: 55
Capital: 50 Million Baht
Product: Chemical Blowing Agent

Location: **Factory**
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ISO Certified:

