

Aroma Granule AQ-NF DeoPET

Overview

What is Aroma Granule AQ-NF DeoPET

Aroma Granule AQ-NF DeoPET is a non-formaldehyde type waterbased paste that contains the fragrances aimed at suppressing PET odors, stabilized by our own microcapsule technology. It can easily be added to various sprays and PET products to provide a sustained PET odor suppressing effect.

After Aroma Granule AQ-NF DeoPET on any PET products, and the product is rubbed or kneaded, the microcapsules are broken and its suppression effect is produced.

In addition, the microcapsules used will remain stable for several months as long as they are not broken.

Characteristics

Composition	Microcapsules / water / sediment stabilizer
Appearance	Milky white or slightly yellowish paste
Average particle size	About 4.0 μm
pH	6-8
Density	1.02 \pm 0.05 g/ cm^3
Viscosity	2,000 \pm 1,500 mPa \cdot s (at 25°C) (BH type viscometer)
Ionicity	Weak anion
Active ingredient	40.0 \pm 5.0% (capsule component), up to 35% (included compound component)

Durability Confirmation

Non-capsule products : Effect disappears within 1 day

Capsule products (this product) : **Lasts for more than several weeks(*)**

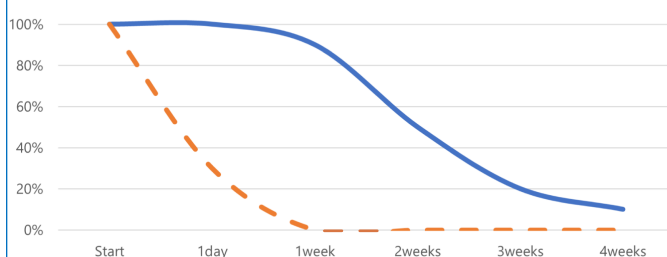
*This is the result of our company's internal tests.

*The test was conducted by creating a test specimen and confirming it through the sensory evaluation of our employees.

*When measuring the strength of the fragrance, the test cloth was rubbed before the assessment.

*The longevity of the function is determined by the release of the fragrance when the capsules are broken. This, in turn, is proportional to the capsule dosage used.

Confirmation of persistence



Recommended formula

●For Printing

Binder 0523E	89
Aroma Granule AQ-NF DeoPET	10
Fixer FE	1
Total	100

100-mesh 1-stroke printing on fabric
⇒ Dry at 80° C for 10 minutes

●Spray

water	90
Functional Capsule Ingredients (*)	X
Aroma Granule AQ-NF DeoPET	10
Total	100+X

*According to your preference, it is possible to add our capsule perfume, cooling sensation, and functional ingredients.

●For Padding

water	83
Matsumin sol MR50	~10
Dyestone PrintgenXL	2
Aroma Granule AQ-NF DeoPET	5
Total	100

Padding to fabric with a draw rate of 100%.
⇒ Dry at 80° C for 10 minutes

Notes

- (1) Please store this product in a cool, dark place below 40° C. However, avoid freezing it.
- (2) Since this product may precipitate or separate during long-term storage, be sure to stir it thoroughly before use.
- (3) Depending on the ingredients used, there is a possibility that the state of this product may become unstable, such as gelling or separating, so please conduct sufficient testing in advance.
- (4) The shelf life of this product is one year. Products that have been stored for more than one year may have a slightly different odor from the initial scent.
- (5) Depending on the storage conditions, it may thicken (harden) over time, but in that case, it will return to its original state by adding 25% ammonia water or 5% caustic soda as appropriate.
- (6) When handling the product, please read the SDS before use.
- (7) For specific methods, please contact our sales department or technical department.



MATSUI SHIKISO CHEMICAL CO., LTD.

Head office : 64, Kamikazan Sakuradani, Yamashina-Ku,
Kyoto 607-8466, Japan

TEL.075-594-5612 FAX.075-594-0829

