

Mold release agent

DAIFREE FB-962

TECHNICAL
DATASHEET

DAIFREE FB-962 is an internal mold release agent/additive agent. It shows enhanced performance for rubber products and make surface modification. It also meets environmental regulations.

Introduction

- It provides rubbers with excellent anti sticky performance and release ability.
- Effective for improved roll processability.
- PFOA and PFOS free* and complies with environmental regulations such as TSCA and RoHS.
* ≤ 5 ppb detection limit.
- Can be easily mixed with a polyol vulcanization rubber or a peroxide vulcanization rubber.
- There is little degradation of the properties when the agent is added

General physical properties—Product*¹

Items	Data
Appearance	White solid
Specific gravity	1.17(25°C)
Softening temperature	40°C
Recommended additive amount	0.1 - 3 mass%
Fire Service Act	Non-flammable

*¹ The above values are representative and not guaranteed.

Application

- Rubbers ; SBR, NBR, EPDM, FKM, CR, ACM, etc.
- Thermosetting resin ; Epoxy resin, Unsaturated polyester, Phenolic resin, etc.
- Thermoplastics ; PP, PE, PVC, PA, PC, etc.

Method of use

(1) Mixture

- Melt at a temp. higher than the softening temp. and uniformly mix with rubber
Using a roll or kneader.

(2) Recommended additive amount

- 0.1-1 mass % is recommendable. For more effectiveness, increase the additive amount.
Maximumly 3-5%.

Use temperature range

From room temperature to 250°C

Handling / Safety information

- Be sure to read the Safety Data Sheet (SDS) and precautions on the label before using.
- This product has been developed for industrial purposes and we shall not guarantee the safety if used for any other purposes. If it is going to be used for medical or food applications, please contact us in advance.

Package size

- 1kg, 10kg

For more information, visit our website.

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