

HighFlow

Dispersing and Processing Agent

Revision date: 20/05/2010

HighFlow is a dispersing agent and processing agent in granule form, it can be used for most rubber polymer.
It is well suited for the production of compounds on Rubber Mills and in Internal Mixer. It helps to improve dispersion fillers and facilitates further processing on calendaring machine and in process flow behavior and sometimes help mold release of molded goods.

Composition : A combination of Fatty Acid Salts.

Properties:

- Appearance : White Yellowish Granule
- Odor : Negligible
- Ash Content : 5 % Max.
- Dosage : 0.5 – 1.5 phr.
- Storage Stability : Min 1 years (Under normal storage condition).

Application: It can be added about 0.5 – 1.5 phr, depend on the hardness of the rubber, higher hardness need higher dosage of HighFlow, and lower hardness need lower dosage. more than 4 phr is not advisable.

When it is added in the early mixing cycle, High-Flow has the maximum effect on dispersion. But when it is added late in the mixing cycle, High-Flow improves forming characteristic such as extrusion, calendaring, mold flow and mold release.

For Sulphur curing system, it is also can help to give better dispersion for sulphur addition, when HighFlow added together with the sulphur in the sulphur adding stage, this will resulted better physical properties because better Sulphur dispersion.

Packaging : 25 Kgs / Bag.

The information and recommendations contained herein are based upon data believed to be correct. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Health and safety precautions detailed in this data sheet may not be adequate for all individuals and/ or situations. It is the user's obligation to evaluate and use this data in order to comply with all applicable laws and regulations. It is the user's obligation to determine the suitability of use of the product for particular application.