MIFSUD S.L.

Foundation

- The company dates back to the commercial activities of its founder, Mr Salvador Mifsud Andrés, relative to the marketing of cereal byproducts for stock feeding over fifty years ago (1957). The current company, MIFSUD S.L. was established in 1984

Turnover

- 5 million €

Employees

- 16

Branches

- Plastic filling
- Natural fibers for industry
- Vegetable excipients
- Animal feeding

Key materials

- Cereal byproducts

Key bio-based products

- Rice husk flours in different grain sizes
- Commercial names: CAEX, CAES, CAMI, CAMIS, CACE, CAIMP

Company

MIFSUD S.L. Is a family company located in Tavernes de la Valldigna (Valencia, Spain); it has over fifty years of experience in the marketing of raw materials for the animal feeding area. Included in this ativity, MIFSUD established a Department specialized in the collection, conversion and subsequent marketing of cereal byproducts, among which rice husk for vegetable excipients, natural fibers and plastic industries is most outstanding.

Material

Due to our concern with improvement and innovation, MIFSUD specialized in the manufacture of micronized vegetable flour to be used as excipient in different areas such as veterinary and cosmetic, as well as plastic and chemical industries; after several different physical treatments, flours of high quality and excellent performance are obtained for each application.

Through AIMPLAS (Tecnological Plastic Institute, in Valencia, Spain) MIFSUD has taken part, together with other companies, in the DOLFIN (Development of plastic structures) european project, in order to develop plastic structures reinforced with our vegetable flours. After several studies, results back up the use of our flours as filling in plastics, especially the so called wood plastic composite (WPC), due to the many advantages they offer as compared to other vegetable fillings, for example wood flour, mainly due to its physicochemical properties. The following advantages and qualities of the resultant plastics stand out:

- Great fireproofing, due to the fire-resistence of the flour.
- Good hydrophobic qualities. Its permanent contact with water is even possible, which is a very important characteristic considering that part of these materials remainexposed to elements; moisture does not affect them in the same measure as it does to other types of vegetable fillings.
- Excelent stress resistance and greater thermomechanic resistance than other kinds of vegetable fillings; good insulating properties.
- Possibility to provide very low moisture flours, between 2% and 4%, through an adequate thermic treatment; this is an interesting feature due to the impossibility of achieving flours from other sources with similar moistures.
- Low sintering tendency during plastic manufacture, which facilitates dosage; furthermore it has a lower influence on plastic viscosity than other vegetable fillings.

Products

- CAEX, micronized rice husk. Moisture: 9-10% . Grain size: 342-546 micron.
- CAES, dry micronized rice husk. Moisture: 2-4%. Grain size: 342-546 micron.
- CAMI, micronized rice husk. Moisture: 9-10%. Grain size: 114-342 micron.
- CAMIS, dry micronized rice husk. Moisture: 2-4%. Grain size: 114-342 micron.
- CACE, micronized rice husk. Moisture: 9-10%. Grain size: 50-114 micron.
- CAIMP, micronized rice husk. Moisture: 9-10%. Grain size: < 50 micron.

Contact

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