Construction Polymers

Technical Data Sheet

Melflux® 4930 F

Chemical Nature

Melflux® 4930 F is a free-flowing spray dried powder of a modified polycarboxylic ether. High performance superplasticizer for cement based construction materials.

Properties

Typical Properties

Physical shape	powder
Appearance	characteristic, yellowish to brownish
Drying loss	max. 2.0%
Bulk density	300 – 600 kg/m³
Dosage recommendation by weight of cementitious material	0.05 – 1.00%
pH value at 20 °C, 20% solution	6.5 – 8.5

Applications

Fields of application

Melflux® 4930 F is optimized for plastification and water reduction of cementitious construction materials. It provides fast wetting behavior; including the following:

- Self-leveling underlayments (SLU)
- Feather edge products
- Screeds
- Injection mortars
- Repair mortars
- Non-shrink grouts
- Self leveling floor screeds
- Tile adhesives and joint fillers

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Melflux® 4930 F.

Transport Regulation

Not known as a dangerous good according to transport regulations.

Storage

Melflux® 4930 F has a shelf life of 1 year. It is to be stored in its unopened original packaging, dry and cool (not exceeding (40˚C / 104˚F). Do not double stack pallets, product may cake when exposed to pressure and friction.

Packaging 15 kg / 33 lb paper bags

Additional Notes

Melflux® 4930 F is a superplasticizer based on latest polymer technology. These types of superplasticizers typically contain certain side chains based on polyethylene glycol. Due to raw material synthesis of the polyethylene glycol, the nature of radical polymerization and the composition, it is known that this technical product has some natural color variations from nearly colorless to yellowish up to slightly brownish. However, these color variations have no influence on the application performance of the product. It is not known that the product colour changes significantly over time under normal storage conditions.

Important

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construction polymers

U.S. & Canada
BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions

Europe
BASF Construction Polymers GmbH
Dr.-Albert-Frank-Straße 32, 83308
Trostberg / Germany
Phone: +49 8621 86-16
Fax: +49 8621 86-29 95
Email: construction-polymers@basf.com
www.construction-polymers.com