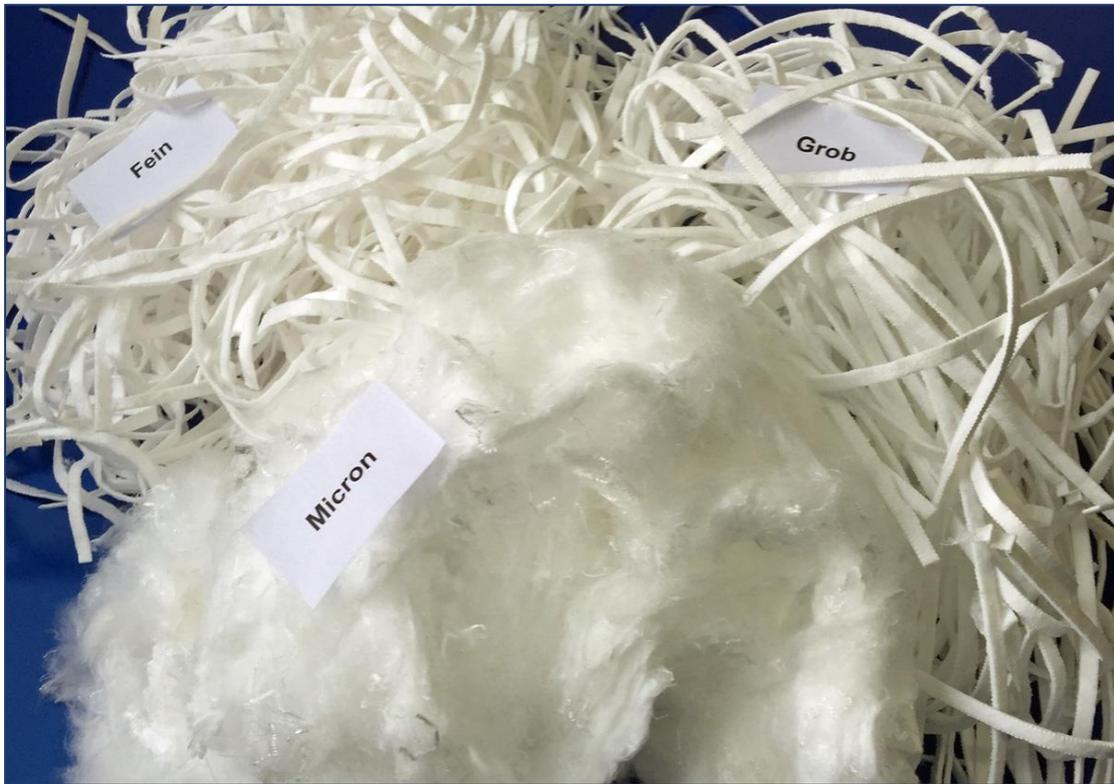


## SUFIMA filter material



### **SUFIMA - filter material**

Consists of oleophilic and hydrophobic chemically inert polypropylene fibers and has the property of adsorptively binding the oils and fats contained in the bath liquid. It can bind up to twentyfold of its own weight oils, greases and solids.

### **Adsorption**

Selective adsorption of lipophilic light materials. Wash-active components are not removed from the cleaning solution.

The possible reduction of the content of oils, fats, solids and metals to values of <math><1 \text{ mg / l}</math> is:

- less use of chemicals
- no loss of production by early bath exchange
- no dirt carryover consecutive baths
- extend the service life of activated carbon filters in recirculating systems
- no blocking by lipophilic light materials of resins in ion exchange
- reduction of COD, TOC and DOC values
- reduction of metals

## Applications

Life extension of cleaning baths, acids, rinsing baths etc.

- alkaline cleaners, emulsifying and demulsifying
- acidic cleaners
- electrolytic degreasing
- ultrasonic degreasers (aqueous)
- pickling degreasers
- combined degreasing baths and phosphating baths
- general pickling
- flux baths in galvanizing
- savings rinse

## Sufima Coarse

In heavily polluted baths, strongly oil containing baths

## Sufima Fine

Degreasing baths, zinc, copper baths (very high dirt u. oil absorption) flux baths in galvanizing, all active-baths and pickling baths.

For copper, nickel, zinc baths, clean degreasing baths, in zinc baths with much carbonate we recommend Sufima fine,

In anodising systems: Colour baths, sealing baths etc.

## Sufima Micron

In various economy flush, for example, Tin economy flush

Filtration capacity less than 1 micron in wastewater plants

**Sufima filter material is also available in mat or roll form.  
Suitable as oil barrier or cleaning rags.**

## Disposal

The absorbed oil may e.g. be ejected by means of a centrifuge from the saturated adsorbent mass and reused thereafter.

The adsorbent mass can then be conditioned (depending on the accumulated solids) be reused or incinerated. (The polypropylene adsorbent mass produces a combustion residue of less than 2% ash).

The following **waste codes** have been used:

54209 solid and oil-contaminated equipment

31435 spent filters and absorbents

58201 filter cloths with harmful impurities, predominantly organic

## SUFIMA Datasheet

### Sufima Coars

Fiber composition: 100% PP  
Grammage: 380 g / m<sup>2</sup>  
Thickness: about 3-4mm  
Oil absorption suited to 100%  
Suitable filtration material

### Sufima Fine

Fiber Composition: 100% PP  
Grammage: 190 g / m<sup>2</sup>  
Thickness: about 2-3mm  
Oil absorption suited to 100%  
Suitable filtration material

### Sufima Micron

Fiber composition 100% PP  
Oil receiving no  
Suitable filtration material  
Fineness depending on degree of filling between 1- 50 Micron

### Additional information

Color white  
Floatable  
Practically odorless  
Operating temperature max. 95 ° C  
No hazard under normal conditions  
Not a hazardous substance  
Does not require labeling  
Dispose of in accordance with local regulationsFarbe weiss