Färber & Schmid
Chemie · Technik

Flocculant FAP-50 W

Water-based polymer flocculant

The Flocculant FAP-50W is an anionic product. It is suitable for a pH-range from 6,0 – 13,0. Unlike most polymeric flocculants, this product is present as an aqueous solution/dispersion. FAP-50W is already pre-swollen and can be very easily stirred into the wastewater to be treated. Due to its dispersed form, stir-in times are significantly reduced. Up to 1 % solutions in the preparation tank are easily possible without any thickening occurring. Due to the higher concentration, the intervals of a necessary new preparation are extended. FAP-50W is oil-free, making it much easier to flush dispensing equipment and lines. In addition, this circumstance has a positive effect on the COD content as well as the segregation of the product. The shelf life is 50% higher than that of commercially available oil-based polymers.
FAP-50W is due to its structure, universal and very economical in use. Due to the special charge of the flocculant, a highly efficient application method is obtained. Very good flocculation, low dosing quantities and a stable sludge consistency are among the advantages of this product. FAP-50W can be pumped directly from the delivery container into the plant via a static mixer - without any need for a preparation station.

Technical Properties	
Vicosity dynamic at 20 °C	< 2000 cP
Flashpoint (°C)	Not applicable
pH value (10 g / l H_2O)	weak acid
Application temperature(°C)	10 - 60
Water solubility (%)	mixable
Working concentration (%)	0,5 - 1

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Anodizing Companies	++
Sewage Plants	++	Cracking Industry	+
Waste Diposal	++	Chemical Industry	++

++ very recommended	+ recommended	o possible	– not recommended

General Indications
No dangerous goods.
Shelf life in closed containers: 2 years.
The product is in dispersion form.
The product can be pre-dissolved if necessary, recommended concentration: 0.5 – 1 %.
Avoid storage temperatures below 0°C.