



Färber & Schmid
Chemie · Technik

ZetaPol 8811-HP

Powder flocculant and splitting agent
The new chemical formula

ZetaPol 8811-HP is a blended product based on natural minerals. It is a powdered, semi-granular formulation, which is added directly into the waste water. The components of the formulation dissolve and react in sequence. ZetaPol 8811-HP work by ion exchange, coagulation, splitting and flocculation. This product is mainly used to clarify resist waste water.

ZetaPol 8811-HP offers many advantages over traditional polymeric flocculants. Significantly improves the dewatering of the sludge and prevents bonding of the filter press or filter media. Higher solid content in the mud cake is possible compared to standard polymeric flocculants. The special composition of this product results in a very shear stable flocculation that rapidly separates from waste water streams.

Usually encapsulates the contaminants to prevent them leaching back out of the sludge at the landfill site. This reduces the hazardous classification of the sludge and hence substantially reduces disposal costs. The operator receives an easy to use product.

Technical Properties	
Bulk Density (g/cm ³) at 20°C	0,90
pH-value (10 g / l H ₂ O)	Not applicable
Application temperature (°C)	20 – 50
Water solubility (%)	no
Operation concentration kg/m ³	0,3 – 4,0
Recommended dosage kg/m³	0,5 – 2,0

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	++
Sewage Plants	+	Textile Industry	++
Waste Diposal	++	Chemical Industry	++

++ very
recommended

+ recommended

o possible

– not recommended

General Indications
The product is used as delivered (no pre-dilution in water).
Reaction time is appr. 10-20 minutes.
Recommended pH-value : 7,0 – 10,0
The product does not change the pH-value.
Removes suspended and colloidal solids from treated waste water.
The resulting sludge can be dewatered very well.
Especially treatment of photo-resist-water.
Special benefits: stable flocculation – clear water – good sedimentation – low price – ideal mud dewatering
Storage condition : Humidity has to be avoided, minimum temperature not below 0°C



ISO 9001 / ISO 14001

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