



Färber & Schmid  
Chemie · Technik

# ZetaPol 1109

## Reactant, release agent and flocculant in powder form The new chemical formula

ZetaPol 1109 is a multi-component mixture of highly active, inorganic and organic compounds. The user receives an easy-to-use product that simultaneously performs several functions. Splitting procedures, adsorption and flocculation are carried out. A clear water phase with a very well drainable sewage results.

ZetaPol 1109 is a universal product that obtains good properties of water clarification, flake formation and shear stability. Due to the novel composition, ZetaPol 1109 provides customers an optimal price-performance ratio with high efficiency. ZetaPol 1109 is also particularly suitable for the use in circuit operations. Big variations in waste water composition do not affect the functions of ZetaPol 1109

Technical Properties	
Bulk density (g/cm <sup>3</sup> ) at 20°C	0,70
pH-value	Not applicable
Application temperature (°C)	20 - 50
Water solubility (%)	< 5
Operation concentration kg/m <sup>3</sup>	0,1 - 1,5
<b>Recommended dose kg/m<sup>3</sup></b>	<b>0,5 - 0,7</b>

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

++ very recommended	+ recommended	o possible	- not recommended
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General Indications
The product is used as delivered.
Reaction time is appr. 15 minutes.
The product should not be prediluted in water.
Recommended pH-value : 3,0 - 13,0; optimum at 7,0 - 9,0
The pH is not significantly changed by addition of the product.
Removes suspended and colloidal solids from treated waste water.
The resulting sludge can dewater very well.
Removes turbidities
The formed flake is extremely shear stable and can sediment quickly and easily.
Oils, fats and emulsions are securely tied in mud.
Depending on the dosage COD-AOX reductions are possible.
No dangerous goods.
Protect from moisture. Use up opened containers as quickly as possible.

Färber & Schmid AG  
Industriestrasse 10  
CH-8197 Rafz  
Telefon +41 (0) 43 322 40 40  
fs@faerber-schmid.ch  
www.faelber-schmid.ch