



Färber & Schmid
Chemie · Technik

ZetaPol 1101-Plus

Flocculating Agent – Powdered Formulation for Wastewater Treatment

ZetaPol 1101-Plus is a high-performance multi-component product that combines specifically developed inorganic and organic active agents. It integrates multiple process functions into a user-friendly system, enabling highly effective precipitation, adsorption, and flocculation. The result is a clear water phase and sludge with excellent dewatering properties.

The optimized formulation of **ZetaPol 1101-Plus** promotes the formation of particularly large and stable flocs—even in complex or heavily contaminated wastewater. This makes the product ideal for demanding applications where conventional precipitation and flocculation agents reach their limits.

ZetaPol 1101-Plus offers high process reliability, excellent shear stability, and is effective in both batch and continuous flow systems. Even under variable wastewater conditions, it maintains full functionality – ensuring consistently high treatment quality and cost-efficient operation.

Technical Properties	
Bulk density (g/cm ³) at 20°C	0,7 – 0,9
pH-value	Not applicable
Application temperature (°C)	5 - 60
Water solubility (%)	< 5
Operation concentration kg/m ³	0,15 – 2,0
Recommended dose kg/m³	0,5 – 1,0

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Anodizing Companies	++
PCB resist wastewater	+	Cracking Industry	++
Waste Diposal	++	Chemical Industry	++
++ very recommended + recommended o possible – not recommended			

General Indications
The product is supplied ready to use and must not be pre-diluted with water.
After the wastewater treatment process is completed, the powder should be added slowly, but with vigorous stirring.
The recommended stirring time is 10 to 15 minutes.
The effective pH range is between 4,5 and 11,5; ideally between pH 6,0 and 10,0.
The product removes colloidal turbidity and reliably binds oils, fats, and emulsions into the sludge.
COD and AOX compounds are adsorptively bound.
Protect from moisture. Opened containers should be used up as quickly as possible.



ISO 9001 / ISO 14001