ZetaPol 1101

Färber & Schmid
Chemie · Technik

Flocculating Agent – Powdered Formulation for Wastewater Treatment

ZetaPol 1101 is a powerful multi-component product that combines specially selected inorganic and organic active agents. It integrates multiple functions into a user-friendly system, enabling efficient separation, adsorption, and flocculation processes. The result is a clear water phase and sludge with excellent dewaterability.
Thanks to its advanced formulation, **ZetaPol 1101** is highly versatile and delivers reliable results in water clarification, flake formation, and shear stability. Its high process performance, combined with cost-effective application, makes it an exceptionally efficient solution.
ZetaPol 1101 performs reliably in both batch and continuous flow systems. Even under highly fluctuating wastewater conditions, it maintains full functionality – ensuring consistently high treatment quality and effectiveness.

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/m^3	**0,5 – 1,0**

Applications			
Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Anodizing Companies	++
Sewage Plants	+	Cracking Industry	++
Waste Diposal	++	Chemical Industry	++
++ very recom-mended	+ 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.

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