

Technical Data Sheet

Paraformaldehyde 96% · CAS 30525-89-4 · $\text{HO}(\text{CH}_2\text{O})_n\text{H}$

TECHNICAL DATA SHEET (DRAFT) - Paraformaldehyde 96%

Product Description

Paraformaldehyde 96% is a high-molecular-weight solid polymer of formaldehyde. It is a versatile chemical intermediate used in reactions requiring high formaldehyde concentrations with low water input.

Technical Specifications

Property	Unit	Specification
Appearance	-	White Prills/Powder
Assay (as HCHO)	%	95.5 - 97.0
Iron (Fe)	ppm	"d 2.0
Ash Content	%	"d 0.05
pH (10% Solution)	-	3.5 - 5.0
Water Content	%	"d 4.5
Heavy Metals (as Pb)	ppm	"d 5.0

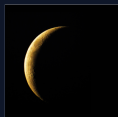
Physical Properties

- Melting Point: 120°C - 170°C (decomposes)
- Flash Point: 71°C (closed cup)
- Solubility: Slowly soluble in cold water; more rapid in hot water with depolymerization. Soluble in dilute acids and alkalies.

Application Notes

In resin production, Paraformaldehyde allows for higher batch yields and shorter cycle times compared to liquid formalin. When used in coatings, it enhances water resistance and gloss.

Disclaimer: These specifications are typical and subject to change. Please refer to the Batch COA for exact values.



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