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Your Chemical Partner

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PARAFORMALDEHYDE

CAS #: 30525-89-4

DESCRIPTION

Paraformaldehyde also known as Polyoxymethylene is the solid form of liquid formaldehyde, formed by the polymerization of formaldehyde. Since paraformaldehyde is basically a condensed form of formaldehyde, it possesses the same characteristics but with a wider range of applications.

TECHNICAL SPECIFICATIONS

Appearance	: White powder
Formaldehyde Content (%by Wt.)	: Min 96%
pH (10% solution at 25 °C)	: 5 - 7
Acidity (max, ppm)	: 200
Ash (max by %wt.)	: Max 0.1
Fe (Iron ppm)	: max 20
Packing	: 25 kg PP bags

APPLICATIONS

The most important use of **Paraformaldehyde** is as a source of formaldehyde groups in the production of many thermosetting resins, together with phenol, urea, melamine and other similar reagents. These resins are used as moulding powders; in the wood industry as glues for chipboard, plywood and furniture; as bonding resins for brakes, abrasives and foundry dyes; as finishing resins for paper and textiles; as driers and glossing agents for paints; as insulating varnishes for electrical parts. Some typical formulations for the production of such resins starting from paraformaldehyde include dichloroethyl formal, methyl phenol, disinfectants, insecticides, pharmaceuticals such as vitamin A, embalming preparations, dyestuff and special plasticizers. In addition, paraformaldehyde is used as a fungicide and bactericide in industries as varied as crude oil production, beet sugar refining, and warehousing.

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