

Technical Data Sheet

X-Air™ P

Description



In cementing, foam created during mixing can cause pump cavitation and decrease cement density, consequently impacting the strength of the cement. Hexion's X-Air™ P cement powder antifoam is a dry powder designed to de-aerate and control foam in cement systems, leading to better density control for a more accurately mixed slurry. The system utilizes a unique chemistry that is effective in a wide variety of cement formulations containing additives such as naphthalene sulfonate, sodium chloride, and fluid loss additives.

Key Features And Typical Benefits

- Stops foam formation in cement slurries
- Effective in a wide variety of cement formulations containing additives such as naphthalene sulfonate, sodium chloride, and fluid loss additives
- Effective in all classes of cement
- Free flowing powder with decreased clumping compared to competitive product
- Storage stable in wide temperature and humidity range

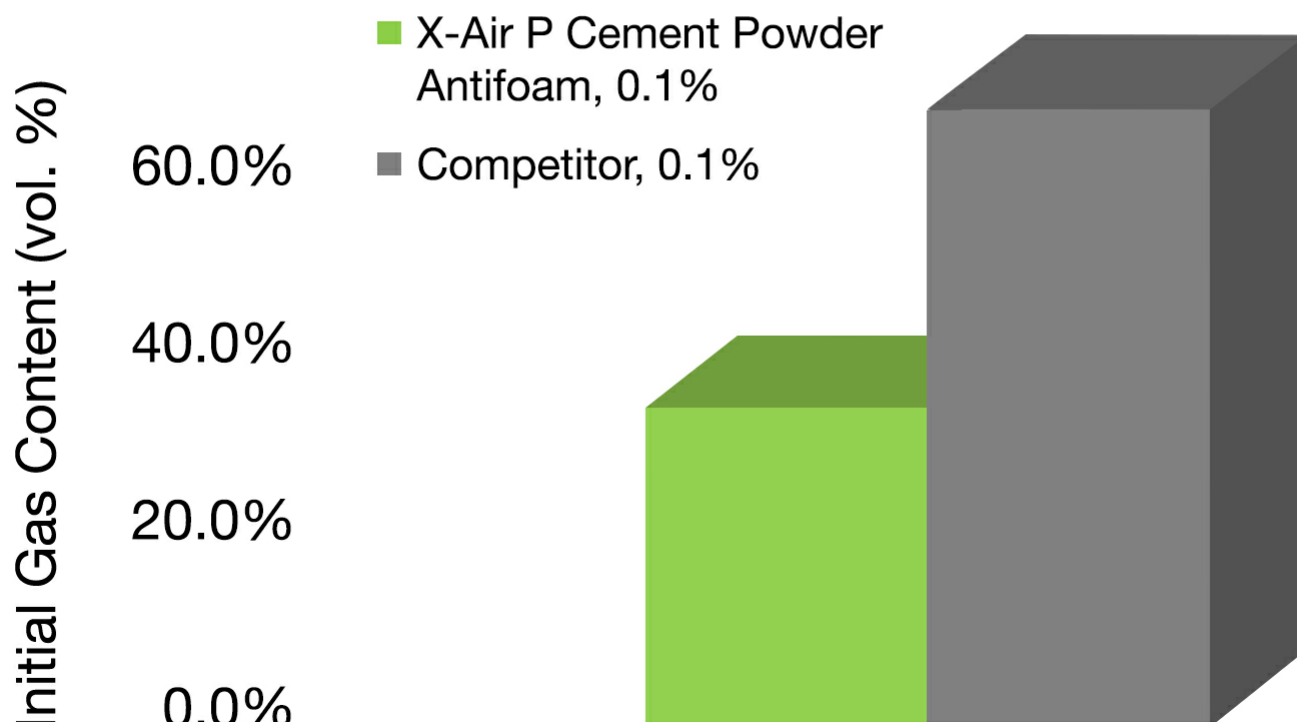
Typical Properties

| Property | Value | Unit | Test Method |
|------------------|-----------|---------|---------------------------------------|
| Absolute Volume | 0.0618 | gal/lb | |
| Bulk Density | 53.06 | lb/ft³ | |
| Color | Light Tan | | |
| Flash Point | 0.0618 | °F [°C] | Pensky-Martens, Closed Cup, ASTM-D-93 |
| Physical Form | Solid | | |
| Specific gravity | 1.94 | | |
| Typical % Solids | 99 | % | |

Typical product values determined on commercial material whose properties might vary within the specification limits. Typical data values should not be used as specifications. Assistance and specifications are available from Hexion.

Highly Effective In Systems With A Variety Of Additive

Antifoam Comparison in 0.5% HEC, 0.5% Naphthalene Sulfonate



Limitations

Customers must evaluate Hexion products and make their own determination as to the fitness of use in their particular applications.

Product Safety, Handling, And Storage

Always wear proper PPE, gloves, and safety glasses. Wash hands and face after handling. Use only with adequate ventilation and wear an appropriate respirator if necessary. Keep product in the original container or an approved alternative made from compatible material. Do not reuse empty containers as they may contain hazardous residue.

Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area away from strong oxidizers, food, and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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<https://www.hexion.com/en-US/product/x-air-p>

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