

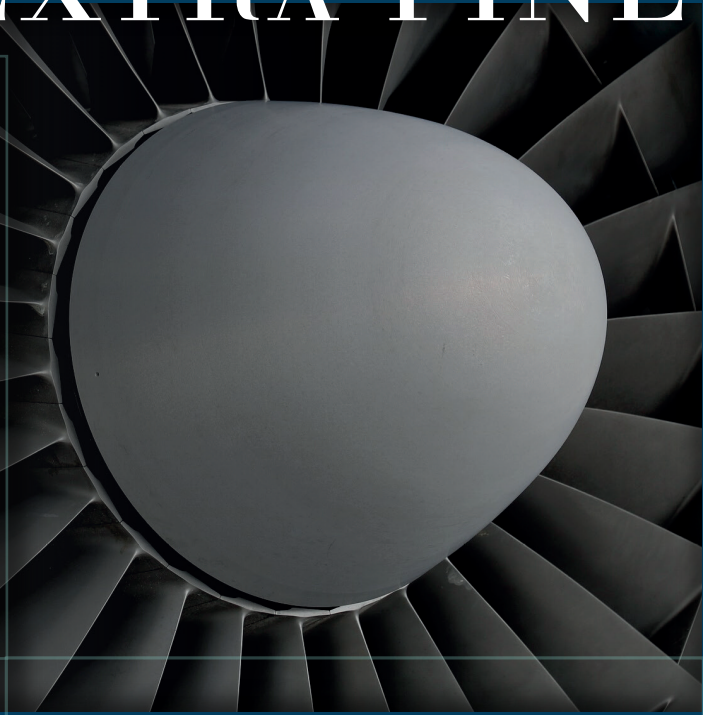
# AX1

# EXTRA FINE

## Physical & Chemical Properties

| <i>Test</i>                     | <i>Result</i> | <i>Unit</i>       | <i>Methodology</i>                |
|---------------------------------|---------------|-------------------|-----------------------------------|
| Particle Size D50               | 6±2           | µm                | Laser Diffraction Particle Sizing |
| Particle Size D10               | <1-2          | µm                | Laser Diffraction Particle Sizing |
| Wet Screen Residue (38 µm mesh) | 0.26          | %                 | ISO787/7:1981                     |
| Soluble Matter                  | 7.75          | %                 | ISO787/8:2000                     |
| pH                              | 1.7           | N/A               | ISO787/9:2019                     |
| Oil Absorption                  | 51            | g/100g            | ISO787/5:1995                     |
| Powder Tapped Density           | 0.59          | g/cm <sup>3</sup> | Graduated Measuring Cylinder      |
| Specific Gravity                | 1.35          | N/A               | Water Displacement                |

The results shown have been produced and verified by approved testing laboratories.



## Directions for Use

Go to [www.hexigone.com/downloads](http://www.hexigone.com/downloads) to access our formulation guides

**Incorporation:** AX1 can be incorporated via a let-down formula or directly into coatings by high-speed dispersion. AX1 can be milled through a premix stage if required. Optimum loadings are resin type and film thickness dependent and are between 0.5% – 7% by weight. Please consult with Hexigone for specific system loadings advice. AX1 may require additional formulation optimisation in some resin types and in waterborne coatings, including dispersant and surfactant selection.

**Testing Protocol:** Test AX1 containing primers corrosion resistance performance in the full coating system with the topcoat applied.

## Safety & Handling

Please refer to the product's Material Safety Data Sheet (MSDS)

## Contact

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## Disclaimer

This information is only specific to materials designated and may not be valid for such material used in combination with any other materials. The information provided is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use. Please do not hesitate to contact us with any questions or queries relating to this product.