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TECHNICAL DATA SHEET

WAX 5

Oxidized polyethylene micronized wax.

Through oxidative treatment, the wax acquires polar functional groups, improving its compatibility with various binder systems and enhancing the functional properties of coatings.

- Enhanced adhesion to polar surfaces – functional groups provide superior grip on challenging surfaces including metals, plastics, and mineral substrates
- High abrasion and scratch resistance – increases coating durability and extends service life
- Matting effect – imparts a uniform matte finish and facilitates mechanical processing
- Anti-corrosion properties – forms a protective barrier that reduces the penetration of moisture and aggressive media
- Improved dispersibility in polar solvents and water-based systems
- Enhanced anti-blocking effect

Application:

- Industrial coatings (metal, wood, plastics)
- Automotive primers and lacquers
- Anti-corrosion formulations
- Packaging inks and overprint varnishes
- Polymer composites

Recommended usage: optimal dosage is 0.5–5%.

Technical Data:

Parameter	Value
Appearance	Fine powder
Dropping point, °C	118-126

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantees of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

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Parameter	Value
Particle size, D50 µm	max. 10
Particle size, D90 µm	max. 20

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