

## Technical Data Sheet

### Natural Red Iron Oxide FPA RED<sup>®</sup>-NH4

This Technical Data Sheet includes the values and data which are valid and trustable based on our current production process, but not legally binding. We hereby disclaim any liability arising from any damage, errors and omissions or consequential damage.

This Technical Data Sheet supersedes all previous versions. (December 2022)

| Chemical Analysis    |       | Physical Properties / Particle Size  |   |
|----------------------|-------|--|---|
| CaO (%)              | 5.06  | Mean grain size D50 (μ)  | 5.84  |
| K2O (%)              | 0.63  | Top – cut D97 (μ)  | 23.2  |
| MgO (%)              | 2.32  | Specific Gravity (g/ cm <sup>3</sup> )   | 4.26  |
| Fe2O3 (%)            | 62.66 | Apperance  | Red   |
| Al2O3 (%)            | 1.95  |  |   |
| SiO2 (%)             | 12.23 |  |   |
| TiO2 (%)             | 0.146 |  |   |
| Na2O (%)             | 0.50  | <b>Applications;</b><br>Paint and Pigment<br>Construction<br>Rubber Industry<br>Plastic Industry<br>Polymer Industry<br>PVC and UPVC, etc. | <b>Standard Packaging;</b><br>25 Kg paper bag<br>25 Kg PP bag<br>Bulk in Jumbo bag<br>25 Kg bags in Jumbo bag<br>25 Kg bags on pallet |
| SO3 (%)              | 4.50  |  |   |
| P2O5 (%)             | 0.070 |  |   |
| Loss of Ignition (%) | 8.03  |  |   |

