



PRODUCT-INFORMATION

1. Product Name

MECHANO-LUBE® 1VP496

2. Product Description

MECHANO-LUBE® 1VP496 is a water based graphite dispersion for the coating of ceramic plates and refractory materials. MECHANO-LUBE® 1VP496 reduces surface porosity and increases lubricity. It is characterized by a superior oxidation resistance, spreading property and high solid content. The product is slightly thixotropic.

3. Applications

- Coating of ladle slide gates
- Coating of ceramic and refractory materials

4. Properties

- Superior adhesion on different materials.
- Easy application (spraying, painting, rolling)
- High filling properties (closing pores and surface defects)
- Fast drying
- Outstanding wetting and spreading property
- Improved oxidation resistance
- Lessening friction of slide plates surface under pressure
- No heavy metals
- Non corrosive
- Solvent free (VOC and APEO free)
- Can be used for all refractory materials ($\text{Al}_2\text{O}_3\text{-ZrO}_2\text{-C}$; $\text{Al}_2\text{O}_3\text{-C}$; $\text{Al}_2\text{O}_3\text{-MgO-C}$; $\text{MgO-Al}_2\text{O}_3\text{-C}$; Spinel).



PRODUCT-INFORMATION

5. Technical data

| Property | Specification | Unit |
|-----------------|----------------------|-------------|
| Solid content | 30,0 | Wt. % |
| Carrier | water | |
| Diluent | water | |
| Ionogenity | Slightly anionic | |
| Density | 1,20 | g/ml |
| pH | 7-8 | |

Information provided on this technical data sheet indicates the approximate physical and chemical properties of the material. No warranty is made either expressed or implied regarding the accuracy or the results to be obtained from the use of such information.