



PRODUCT-INFORMATION

1. Product Name

MECHANO-LUBE[®] 1P9

2. Product description

MECHANO-LUBE[®] 1P9 is a special ground natural graphite. MECHANO-LUBE[®] 1P9 shows an excellent compatibility with a wide range of lacquer formulations as well as with polymer systems like thermoplastics or thermo setting resins. Because of the special refining method MECHANO-LUBE[®] 1P9 is suitable as lubricant and coating aid.

3. Applications

- Lubricant and conductive additive, Reduction of friction coefficient
- Synergistic effects with other lubricants like tungsten disulphide, molybdenum disulphide, hexagonal boron nitride and PTFE.
- Infrared blocker und -diffuser in insulating systems like EPS and XPS and mineral fibres
- Pigment for colouring for coatings und lacquers
- Reinforcing material in thermoplastic and resins

4. Technical Data

Property	Specification	Unit
Carbon	min. 94.0	%
Ash content	max. 6	%
Moisture	<1	%
Particle size D ₅₀	4-5	µm

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.