



**Aerolube Technologies**



Technical Data Sheet

## **3021 Graphite Powder**

**High purity micro fine graphite flakes / powder**

### Applications

- As an additive to conventional oils and greases for increasing extreme pressure carrying capacity.
- As a release agent for pressure die casting.
- As a glass molding lubricant.
- As a high temperature conveyor chain lubricant.
- For manufacture of lead pencils, carbon brushes, electrodes.
- As a parting agent for gaskets and seals at high temperatures.
- As a dry film lubricant for bearings, cams, slides, roller chains, guides.
- As an extreme pressure lubricant for hinges, threaded spindles, cableways and gears.
- As a metal working lubricant additive for bending, wire drawing, extrusion, forging, deep drawing.

### Benefits

- Very high purity graphite with minimum ash content.
- Excellent adhesion on metal substrates without any special treatment.
- Eliminates galling, seizure and stick-slip.
- Reduces wear and friction by forming a film that eliminates metal to metal contact.
- Withstands very high temperatures.
- Reduces damage and maintenance costs by providing more effective lubrication.

### Available Packaging

1 Kg

### Shelf Life

24 months from date of manufacture in sealed condition.

### General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

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## **3021 Graphite Powder**

**High purity micro fine natural graphite flakes / powder**

TECHNICAL PROPERTIES			
PARAMETER	VALUE	UNIT	METHOD
Type	Powder		
Appearance	Free flowing		
Color	Black		
Odor	Nil		
Mesh size	400		
Ash content	5 % max.		
Moisture content	1 % max.		
Fixed carbon content	94 %		

### **Disposal**

All used and unused product should be disposed of in accordance with state regulations.

### **Handling**

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from Aerolube or your local Aerolube distributor.

### **Limited Warranty**

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended Stanvac product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty. Product manufactured is for industrial use only.

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