

# Secondary Synthetic Graphite Powder GS850-M

Technical Data Sheet 5064

## Product Overview

GRAF+ GS850-M graphite powder offers good lubrication properties and is SiC free.

## Applications

- Conductive polymers
- Friction materials
- Lubricants

## Typical Properties at Room Temperature\*

| Characteristic | Unit    | Value           |
|----------------|---------|-----------------|
| <b>Purity</b>  |         |                 |
| Ash            | %       | 0.05            |
| Moisture       | %       | 0.02            |
| Sulfur         | %       | 0.02            |
| <b>Sizing</b>  |         |                 |
| 10 mesh        | 1700 µm | 0% Retained On  |
| 20 mesh        | 850 µm  | 3% Retained On  |
| 35 mesh        | 425 µm  | 8% Retained On  |
| 65 mesh        | 212 µm  | 15% Retained On |
| 100 mesh       | 150 µm  | 13% Retained On |
| 150 mesh       | 106 µm  | 12% Retained On |
| 200 mesh       | 75 µm   | 13% Retained On |
| -              | Pan     | 36% Retained On |

## Guaranteed Values

|               |       |                     |
|---------------|-------|---------------------|
| Ash           | % max | 1.0                 |
| Moisture      | % max | 0.50                |
| <b>Sizing</b> |       |                     |
| 100%          |       | < 10 mesh (1700 µm) |

Notes:

\* Properties listed are typical and cannot be used as accept/reject specifications

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**Redefining limits**

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