



# ACC® Undensified Microsilica G94

## Referenced Application: For Refractory Application

### Grade 94U

#### Feature

- High SiO<sub>2</sub> content.
- High Activity.
- High PH.
- Adjustable Bulk Density.
- Good Fluidity.

#### Packaging

The product is supplied in a range of packaging:

- 500kg double plastic woven Jumbo bag.
- 20/25kg paper bag or woven bags with PE liner.

Special packaging can be supplied on request.

#### Quality Control

ACC Microsilica® is certified according to ISO 9001.

The chemical composition and physical properties are regularly tested in accordance with international standards.

#### Standards

ACC Microsilica® Grade 94U conforms to the mandatory requirements of the relevant standards from:

- American Society for Testing and Materials (ASTM C 1240)
- European Committee for Standardisation.

| Analysis/Properties            |                            | Value                       |
|--------------------------------|----------------------------|-----------------------------|
| SiO <sub>2</sub>               | Silicon Dioxide, Amorphous | 94% min                     |
| Al <sub>2</sub> O <sub>3</sub> | Aluminum Oxide             | Typical 0.25%               |
| Fe <sub>2</sub> O <sub>3</sub> | Iron Oxide                 | Typical 0.05%               |
| CaO                            | Calcium Oxide              | Typical 0.18%               |
| MgO                            | Magnesium Oxide            | Typical 0.30%               |
| K <sub>2</sub> O               | Potassium Oxide            | Typical 0.96%               |
| Na <sub>2</sub> O              | Sodium Oxide               | Typical 0.09%               |
| LOI                            | Loss on Ignition           | 3.5 % max                   |
| Moisture                       |                            | 1% max, Typical 0.52%       |
| Retained on 45 micron sieve    |                            | 10% max, Typical 1.03%      |
| Bulk Density                   |                            | 300-400 kg/m <sup>3</sup>   |
| PH                             |                            | 4--5                        |
| Fluidity                       |                            | > 18 cm                     |
| Specific surface(BET)          |                            | 18 m <sup>2</sup> /gram min |

The above specification refers to analysis performed using the ASTM Standard Test Methods and Elemental Analysis for ACC Microsilica®

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