



Technical Data Sheet

Product Name: Micro Silica

Grain Size: < 0.045 mm (typically below 325 mesh)

Physical Properties

Property	Value
Form	Amorphous Powder
Color	Gray to Off-White
Specific Surface Area (BET)	15–30 m ² /g
Bulk Density	250 – 350 kg/m ³
True Density	2.2 g/cm ³
pH Value	6.0 – 7.5
Loss on Ignition (LOI)	< 6%
Moisture Content	< 1.5%
Water Solubility	Insoluble

Chemical Specifications

Element	% Concentration
SiO ₂	> 90% – 96%
Al ₂ O ₃	< 1.0%
Fe ₂ O ₃	< 1.0%
MgO	< 1.0%
Na ₂ O + K ₂ O	< 2.0%
CaO	< 1.0%
C	< 2.0%



Applications

- High-performance concrete
- Refractory castables
- Oil well cementing
- Polymer and rubber reinforcement
- Shotcrete in tunnels and mining

Available Packaging

- 10 kg, 20 kg, and 1000 kg jumbo bags
- Custom packaging on request