



About:

Composed of amorphous silicon dioxide, Microsilica consists primarily of extremely fine, sub-micron spherical particles, as well as agglomerates formed from these spheres. It exhibits high reactivity within cementitious and ceramic bonding systems.

Unlike mineral silicas like quartzite, which are relatively inert, Microsilica is **highly amorphous** and quickly reacts with calcium hydroxide—a byproduct of cement hydration—making it an exceptionally active pozzolanic material.

SPECIFICATIONS:

| COMPOSITION | PERCENTAGE |
|--------------------------------|------------------|
| BULK DENSITY (kg/m3) | 700-800 kg/m3 |
| H2O | 0.5 |
| LOI | >0.90 % |
| SiO2 | 85 %+ |
| Al2O3 | 0.80 %+ |
| Fe2O3 | 2.50 %+ |
| CaO | 1.29% |
| MgO | 0.75% |
| Alkalies as Na2O | - |

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