



ACC® Microsilica G85D

Concrete

Grade 85D for construction

Feature

- High Pozzolanic Active Index.
- High Compressive Strength.
- Low LOI.

Packaging

The product is supplied in a range of packaging:

- 950/1000kg double plastic woven Jumbo bag.
- 10/12/20kg water-degradable paper bag.
- 20/25kg 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 85D 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 ₂	Silicon Dioxide, Amorphous	85% min
SO ₃		2.0% max
Cl		0.3% max
Free CaO		1.0% max
Free Si		0.4% max
Alkalies(as equivalent NaO ₂)		Report
Moisture		3.0% max
LOI	Loss on Ignition	6.0% max, typical 2.10%
Specific surface(BET)		15 m ² /gram min
Bulk Density		500-700kg/m ³ D
Pozz.Activity Index – 7days accelerated curing		105% min
Retained on 45 micron sieve		10% max
Variation from avg.retained on 45 micron		5% max

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

ACC Microsilica® is a registered trademark and belongs to Xiamen All Carbon Corporation.