Technical Data Sheet
TECSIFLEX Microsilica 920D (MS920D)
Construction Applications

Description

Tecsiflex Microsilica 920D is a dry silica fume powder used as a key ingredient in various construction materials. It acts physically and chemically as a highly reactive pozzolan.

Uses

Tecsiflex Microsilica 920D is used as an additive for cementitious materials in order to improve dispersion, strength, and durability.

Tecsiflex Microsilica 920D is available in two forms: Densified (D) and Undensified (U).

Specifications

CHEMICAL AND PHYSICAL ANALYSIS	SPECIFICATIONS
SiO2 (%)	>92.0
C (%)	<2.0
Fe2O3 (%)	<1.0
Moisture (%)	<2.0
Loss on ignition, LOI (%)	<4.0
Retained on 45-micron sieve	<2.0
Specific surface area (BET - m^2/g)	>18
Activity index (%) - 7 days accelerated curing	>110
Bulk density - undensified (kg/m^3)	200-350
Bulk density - densified (kg/m^3)	500-700

Listed specifications refer to analysis using the standard method for microsilica.

Packaging

MS920D is available in 1,000 kg jumbo bags and 25 kg paper or plastic bags.

Storage

MS920D must be stored in a dry place. Products that have been exposed to moisture may result in reduced performance.

Quality

MS920D complies with the requirements of ASTM C1240. Chemical composition and physical properties are periodically verified in the laboratory.

Additional Information

The information provided in this technical data sheet is accurate to the best of Tecsil SAS's knowledge. This information is subject to change without prior notice. For the latest version, further information, or assistance, please contact your representative or the email address indicated in this technical data sheet.

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