



# NEWREACH®

TO REACH NEW HEIGHTS

## Microsilica

### Grade NR85

#### General

Newreach® Microsilica Grade NR85 is dry silicafume available in two main forms :

- Undensified-85U, with a typical bulk density of 200-350kg/m<sup>3</sup>
- Densified-85D, with a typical bulk density of 600-750kg/m<sup>3</sup>

#### Packing

- (1) Undensified-85U package is:  
550kg Jumbo bags  
25kg paper or plastic bags
- (2) Densified-85D package is:  
1000kg Jumbo bag  
25kg paper or plastic bags
- Special packing can be supplied by request.

#### Quality Control

Newreach® Microsilica

Chemical composition and physical properties are regularly tested by SGS and Newreach Laboratory with international standards.

#### Standards

Newreach® Microsilica Grade 85 conforms to the mandatory requirements of the relevant standards form:

- American Society for Testing and Materials
- European Committee for Standardisation

Chemical&Physical Analysis	ASTM C1240-11		EN 13263:2005	
	Spec.	Frequency	Spec.	Frequency
SiO <sub>2</sub> (%)	≥ 85	400MT	≥ 85.0	Weekly
So <sub>3</sub> (%)			≤ 2.0	Weekly
Cl (%)			≤ 0.3	Weekly
FreeCaO (%)			≤ 1.0	Weekly
Free Si (%)			≤ 0.4	Weekly
Alkalies(as equivalent Na <sub>2</sub> O%)	Report	400MT		
Moisture (%)	≤ 3.0	400MT		
Loss on Ignition, LOI (%)	≤ 6.0	400MT	≤ 4.0	Weekly
Specific surface(BET-M <sup>2</sup> /GRAM)	≥ 15	3200MT/3 months	≥ 15&≤ 35	Monthly
Bulk density(kg/m <sup>3</sup> )	Report	400MT		
Pozz.Activity Index(%) -7 days accelerated curing	≥ 105	3200MT/3 months		
Pozz.Activity Index(%) -28 days accelerated curing			≥ 100	Monthly
Retained on 45 micron sieve (%)	≤ 10	400MT		
Variation form avg.retained on 45 micron (%)	≤ 5	avg.of last 10 tests		
Density(kg/m <sup>3</sup> )	Report	400MT		

The information given on this datasheet is accurate to the best knowledge of NEWREACH® Microsilica. The information is subject to change without notice. For latest update or further information or assistance, please contact your local representative, the internet address or the email address given on this datasheet.

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