



INDUSTRIAL PRODUCTS

Product Data Sheet:

R-E-D 105 WS Amorphous Micronized White Silicon Dioxide Pozzolan

R-E-D 105 WS Amorphous Micronized White Silicon Dioxide Pozzolan is a fine amorphous, calcined natural pozzolan powder. R-E-D 105 WS is great for use in applications that require a pure white colored pozzolan product. Even though 105 WS is considered a natural pozzolan we try to maintain same high standards of a silica fume. Through our specific reclamation process, we have been graciously blessed with a completely environmentally safe and sustainable product that consistently has a pozzolanic activity index percentage of at least 105% resulting in stronger, more durable concrete, all while improving the world.

Applications: concrete, particularly desirable in decorative concrete requiring a white siliceous pozzolan.

Packing: Bulk super-sack, 50 lb. bags, other packaging options are available on request.

Storage: Dry storage. Avoid contact with moisture.

Safety: Product amorphous. Safety data sheet available on request.

Production Site: Upper Sandusky, OH

Environmental: Complies with ISO 14001:2004

Complies with OHSAS 18001:2007

Complies with R2:2013



Physical and Chemical Characteristics

Limits

Analysis	Typical	Min	Max
SiO ₂ (%)	85.0	80.0	95.0
Fe ₂ O ₃	0.5	0.1	1.0
Al ₂ O ₃ (%)	2.0	0.8	3.0
CaO (%)	4.5	2.0	7.0
Na ₂ O (%)	8.0	3.5	11.0
>45μ(%)	7.0	4.0	9.50
Pozzolanic Activity (%)	125	105	135



R-E-D 105 on white printer paper

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Beckman Coulter LS Particle Size Analyzer

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File name: C:\Users\user\Desktop\

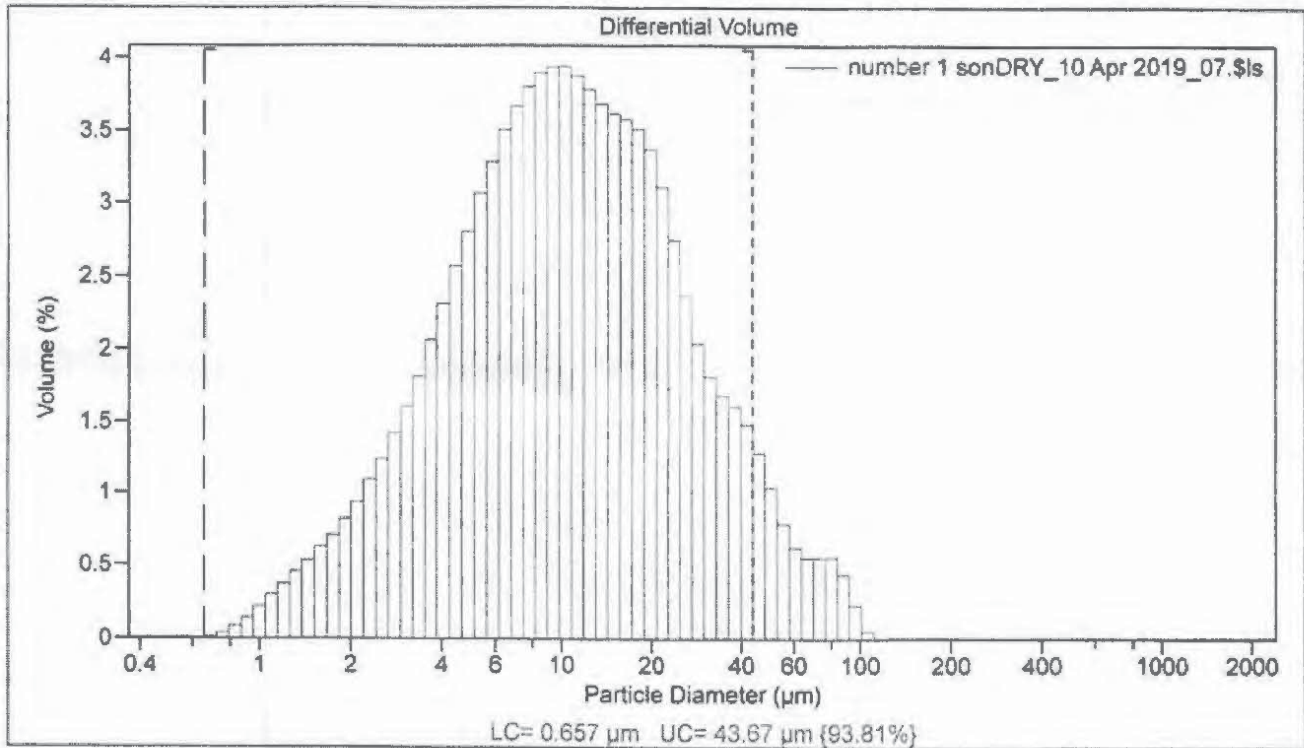
File ID: 105 WS

Sample ID: 4/9/19

Comment 1:

Optical model:

Start time: 14:27 10 Apr 2019



Volume Statistics (Arithmetic)

Calculations from 0.657 µm to 43.67 µm

Volume:	93.8%				
Mean:	12.50 µm	S.D.:	9.493 µm		
Median:	9.684 µm				
Mean/Median ratio:	1.291				
Mode:	10.29 µm				
d ₁₀ :	2.968 µm	d ₅₀ :	9.684 µm	d ₉₀ :	26.63 µm
<10%	<25%	<50%	<75%	<90%	
2.968 µm	5.296 µm	9.684 µm	17.34 µm	26.63 µm	
<20 µm	<44 µm	<50 µm	<65 µm		
80.6%	100%	100%	100%		