

# Technical Data Sheet

## AFS 60-80 Dried Silica Sand

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### Product Details

**Product** AFS 60-80 Dried Silica Sand  
**Source** Gaskell  
**Material No.** 10081807

### Indicative Sieve Analysis

Mesh Sieve Size	Test Sieve Size	Average % Retained	% Retained Range
20	850µm	0	0
25	710µm	0	0-1
30	600µm	0	0-1
40	425µm	0	0-5
50	300µm	14	0-25
70	212µm	30	25-40
100	150µm	34	30-45
140	106µm	17	10-25
200	75µm	4	0-10
270	53µm	0	0-1

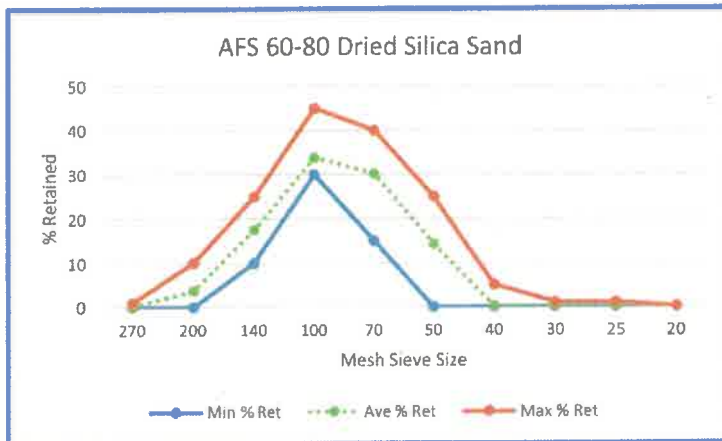
### Indicative Technical Properties

Property Characteristic	Property Average	Property Range
"Grain Fineness Number" AFS	68	60-80
Hanson ICP-OES Silica Sand Acid Digest (2g)		
SiO <sub>2</sub>	98.53 %	98.18-99.13 %
Al <sub>2</sub> O <sub>3</sub>	0.056 %	
CaO	0.015 %	
Cr <sub>2</sub> O <sub>3</sub>	0.001 %	
Fe <sub>2</sub> O <sub>3</sub>	0.314 %	0.142-0.423 %
K <sub>2</sub> O	0.003 %	
MgO	0.005 %	
MnO	0.011 %	
Na <sub>2</sub> O	0.003 %	
TiO <sub>3</sub>	0.784 %	0.458->1.00 %
LOI	0.160 %	

Analysis method of Clay JIS (Z2601 - 1993)

Clay Content 0.0 %

Typical particle size distribution graph with grading range



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Disclaimer: The indicative information above is based on current testing experience and knowledge. The Product is a naturally occurring material and cannot be guaranteed for colour, physical and chemical constituent properties as these results are based on the variability of the mining process. As Hanson has no influence on the way in which our products are treated and used, we do not take responsibility in this respect. The decision to use the product for the purchaser's particular use lies solely with the purchaser. Updated test reports, trends, data, and additional information may be provided upon request.