



Technical Data Sheet

AFS 30-35 Washed Silica Sand

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Product Details

Product	AFS 30-35 Washed Silica Sand
Source	Gaskell
Material No.	10081790

Indicative Sieve Analysis

Mesh Sieve	Test Sieve	Average %	% Retained
Size	Size	Retained	Range
20	850µm	1	0 - 5
25	710µm	5	0 - 10
30	600µm	17	10 - 25
40	425µm	46	30 - 55
50	300µm	29	20 - 40
70	212µm	2	0 - 10
100	150µm	0	0 - 0
140	106µm	0	0 - 0
200	75µm	0	0 - 0
270	53µm	0	0 - 0

Indicative Technical Properties

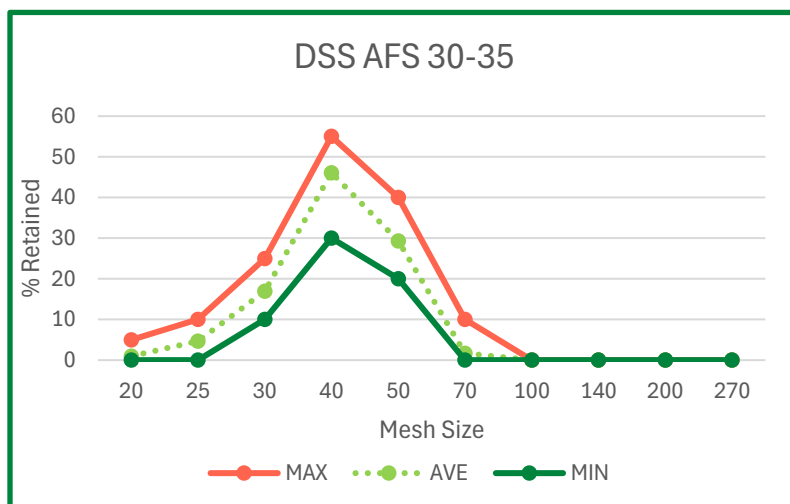
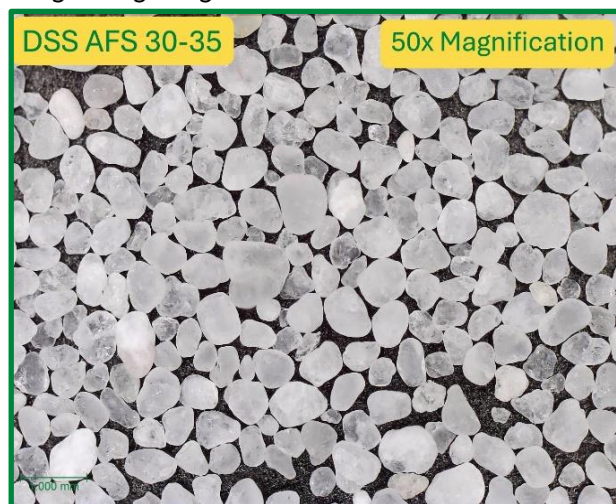
Property	Property	Property Range
Characteristic	Average	
"Grain Fineness Number" AFS	31	30 - 35

Heidelberg Materials ICP-OES

SiO ₂	99.86 %	99.70 - 99.90 %
Al ₂ O ₃	0.017 %	0.015 - 0.030 %
CaO	0.004 %	0.003 - 0.005 %
Cr ₂ O ₃	<0.0015 %	<0.0015 - <0.002 %
Fe ₂ O ₃	0.007 %	0.005 - 0.015 %
K ₂ O	0.002 %	0.002 - 0.005 %
MgO	<0.0017 %	<0.0017 - <0.002 %
MnO	<0.0013 %	<0.0013 - <0.001 %
Na ₂ O	0.005 %	0.003 - 0.020 %
TiO ₂	0.025 %	0.020 - 0.035 %
LOI	0.094 %	0.059 - 0.170 %

Heidelberg Materials ICP-OES Silica Sand - 3 Acid Digest (2g-20ml)

Typical particle size distribution graph with grading range



Date: September 2025

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 Heidelberg Materials 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.