

## Technical Data Sheet

Kirkside Products PTY. LTD.  
21 Roberts Street. West  
Osborne Park, WA  
TEL: 08 9242 2990  
FAX: 08 9242 4867  
kirkside@wt.com.au

## K-FILL Sand

### CHEMICAL CONSTITUENTS

(Average of previous 12 months)

	Value	Limits
SiO <sub>2</sub> .....	99.86 %	> 99.60%
Fe <sub>2</sub> O <sub>3</sub> .....	0.010 %	< 0.020%
Al <sub>2</sub> O <sub>3</sub> .....	0.022 %	< 0.035%
CaO.....	0.002 %	< 0.010%
MgO.....	0.003 %	< 0.010%
Na <sub>2</sub> O.....	0.003 %	< 0.010%
K <sub>2</sub> O.....	0.003 %	< 0.010%
TiO <sub>2</sub> .....	0.034 %	< 0.050%
MnO.....	<0.001 %	< 0.010%

### PHYSICAL PROPERTIES

(Average of previous 12 months)

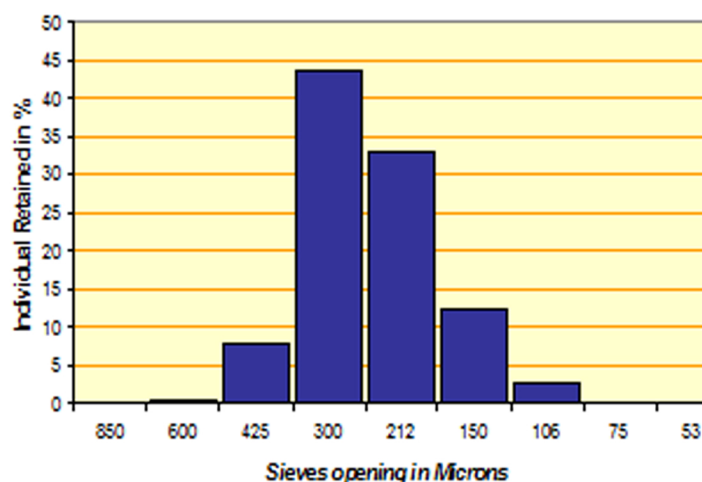
	Value	Limits
Loss on Ignition.....	0.070 %	<0.1 %
Water content (@ 105°C)....	<0.001%	<0.1%
AFS Number.....	47.9	45 - 50

### SIEVE ANALYSIS

Average of previous 12 months

ASTM Sieves Series Number	Sieve opening in $\mu\text{m}$	% Retained
30	850 $\mu\text{m}$	0
40	600 $\mu\text{m}$	0.3
50	425 $\mu\text{m}$	7.9
70	300 $\mu\text{m}$	43.6
100	212 $\mu\text{m}$	32.9
140	150 $\mu\text{m}$	12.4
200	106 $\mu\text{m}$	2.7
270	75 $\mu\text{m}$	0.2

Grain size Distribution



**PACKAGING** = Bulk Bags

**STORAGE AND STABILITY** = Store the product in the closed original packaging at ambient temperature and protect from humidity.

All information in this publication is in accordance with our present experience and knowledge. However, since we have no influence on the way in which our products are treated and used, we cannot take any responsibility in this respect. Kfill silica sand is naturally occurring sand. We do not and cannot change, modify or influence the sand colour during our process. Therefore we do not guarantee the colour of the sand.