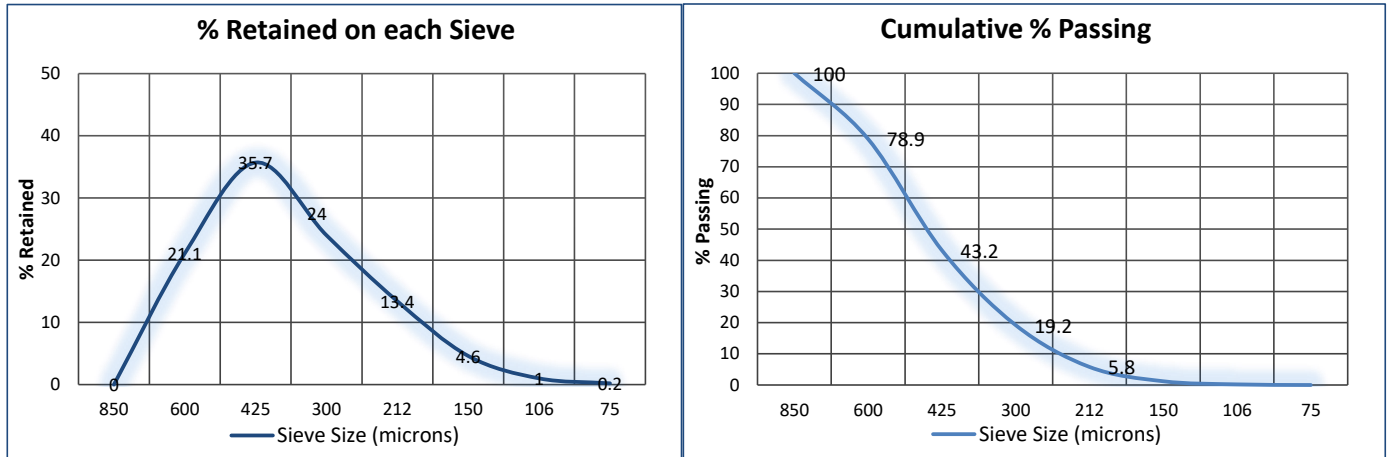


# TECHNICAL DATA SHEET

**Reference No:** VAN40-190221  
**Product:** Arrowsmith-N40  
**Appearance:** Silica Sand  
**Main Application:** Foundry



## Indicative Grain Analysis



Note: Indicative grading only. Grading analysis may vary from time to time due to changes in raw feed.

SIEVE SIZE		TYPICAL VALUES	
		% RETAINED	% PASSING
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Micron(µm)	INDIVIDUAL	CUMULATIVE
10	2000	0.0	100.0
20	850	0.0	100.0
30	600	21.1	78.9
40	425	35.7	43.2
50	300	24.0	19.2
70	212	13.4	5.8
100	150	4.6	1.2
140	106	1.0	0.2
200	75	0.2	0.0
	PAN	0.0	0.0

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## Chemical composition (All results in %)

The following properties listed below are to be used as guidelines only. Minor variation to these is to be expected due to slight variations in raw feed

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	MgO	K <sub>2</sub> O
99.7	0.2	0.050	0.035	0.01	0.002	0.03

## Physical properties

Density	Hardness	Colour	Ph	Moisture	LOI
2.65	7	Yellow	7	<5%	0.1

DISCLAIMER: The information set forth in this Technical Data Sheet represents actual properties of the product sampled. The information listed as the typical chemical analysis is supplied as a guide only.

Note: Please remember product segregation can occur through transport and handling.