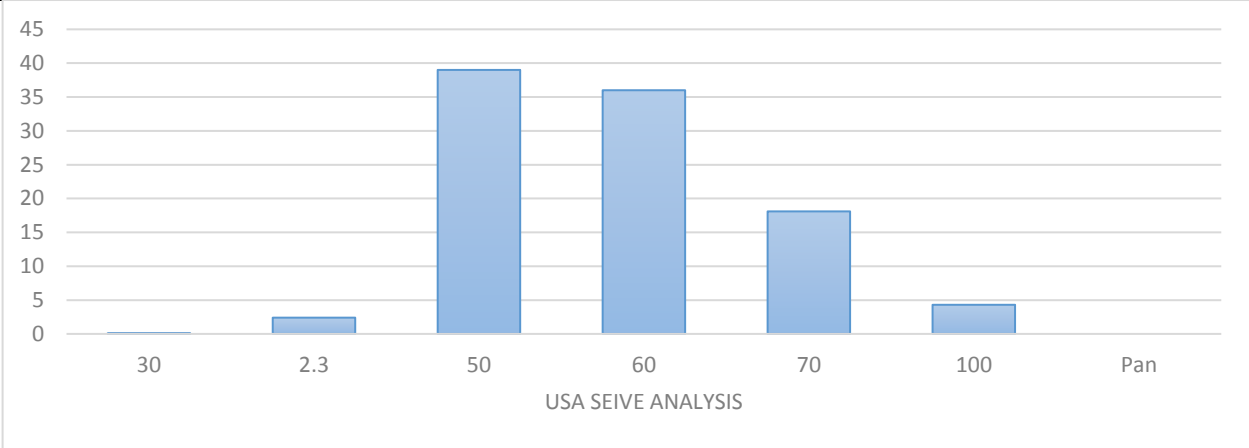




PSC 40/70

TYPICAL VALUES TABLE			
USA STD SIEVE SIZE	PERCENT RETAINED		PERCENT PASSING
	MESH	INDIVIDUAL	CUMULATIVE
30	0.1	0.1	99.9
40	2.3	2.4	97.6
50	39	41.4	58.6
60	36	77.4	22.6
70	18.1	95.5	4.5
100	4.3	99.8	0.2
PAN	0.0	99.8	0.2



Typical Physical Properties

Loss on Ignition	.....0.05%	Specific Gravity	.....2.65
Moisture	.....<0.10%	Clay Content	.....0.08%
Base pH	.....6.8-7.2	Acid Demand Value	.....<1.00 at pH 7.0
Sintering Point	.....3010° F	Bulk Density	94-98 lb/ft ³ untapped
Grain Shape	.....Rounded		

Typical Chemical Analysis

SiO ₂ (Silicon Dioxide)	.....99.50	CaO (Calcium Oxide)	.....0.04
Al ₂ O ₃ (Aluminum Oxide)	.....0.07	Na ₂ O (Sodium Oxide)	.....0.01
K ₂ O (Potassium Oxide)	.....0.03	MgO (Magnesium Oxide)	.....0.01
Fe ₂ O ₃ (Iron Oxide)	.....0.03	TiO ₂ (Titanium Dioxide)	.....0.01

DISCLAIMER: The sizing of this Product Data sheet is an average of samples tested from 12/6/08 to 1/19/09 date. The other testing has been done in varying frequency and should be discussed before relying on it to make final decisions. Pattison Sand Company makes no warranty expressed or implied, by this product data sheet.

WARNING: This material contains crystalline silica, which can cause silicosis and lung cancer. See our SDS for additional information.