



Sil-Kleer Technical Data

When using Silbrico **SIL-KLEER** filter aid in place of other products, different operating procedures may be required. Silbrico **SIL-KLEER** should be used on a volumetric basis, (i.e.: bag for bag), because Silbrico **SIL-KLEER** is considerably lighter than most other filter aid products. Actual operating procedures, grades and quantities can best be determined by testing.

TYPICAL FILTRATION AND PHYSICAL CHARACTERISTICS OF SIL-KLEER

GRADE	WEIGHT OF BAGS (LBS.)	CAKE PERMEABILITY (IN DARCIES)	RELATIVE FLOW (ml)	AVERAGE WET CAKE (LBS/CU.FT.)
Sil-Kleer #27-M	40	.2	300	12.5
Sil-Kleer #25-M	32	.5	550	10.0
Sil-Kleer #23-S	34	1.0	750	9.0
Sil-Kleer #21-S	32	1.5	950	8.5
Sil-Kleer #19-S	29	2.0	1100	8.0
Sil-Kleer #17-S	25	3.0	1300	7.0
Sil-Kleer #15-S	23	5.0	1700	6.0

(Tested with tap water under constant pressure.)

TYPICAL CHEMICAL ANALYSIS

Silicon Dioxide.....	73.8 %
Aluminum Oxide.....	13.9 %
Potassium Oxide.....	4.3 %
Sodium Oxide.....	4.7 %
Iron Oxide.....	0.9 %
Calcium Oxide.....	0.9 %
Magnesium Oxide.....	0.3 %
Traces.....	0.2 %
Percent Moisture at 105C for 4 hrs.....	≤ 1.0 100.0

TRACE ELEMENTS

Arsenic.....	<0.001 %*
Barium.....	<0.1 %
Boron.....	<0.01 %
Chlorine.....	<0.0005 %
Chromium.....	<0.0075 %
Copper.....	<0.0015 %
Gallium.....	<0.05 %
Lead.....	<0.001* %
Manganese.....	<0.3 %
Molybdenum.....	<0.002 %
Nickel.....	<0.002 %
Sulfur.....	<0.2 %
Titanium.....	<0.1 %
Zirconium.....	<0.003 %

* By Food Chemical Codex Method

Technical data shown is considered accurate and reliable. However, there is no guarantee of results, and no formulation gives permission to violate any patent.