

PRODUCT BULLETIN

CES EZ-FLO™

COLORADO SANDS



Canadian Energy
SERVICES

CES EZ-FLO™

Premium Colorado Sand

PRODUCT DETAILS

EZ-Flo™ is a high grade premium sand used in fracking and dewatering operations with tight specifications around the sizes, purity and sphericity of the product. It has been washed and rolled to reduce the angular nature of amorphous sands.

It is available in a variety of sieve sizes including 10/20 mesh, 16/30 mesh, and 20/40 mesh sizes.

COMPETITOR TYPICAL SAND

Chemical Compound	Value / Weight
Silica (SiO ₂)	93 - 95 %
Alumina (Al ₂ O ₃)	3.0 - 4.5 %
Iron Oxide (Fe ₂ O ₃)	0.25 - 0.35 %
Calcium Oxide (CaO)	0.25 - 0.65 %
Magnesium Oxide (MgO)	0.07 - 0.15 %
Sodium Oxide (Na ₂ O)	0.60 - 0.80 %
Titanium Oxide (TiO ₂)	0.10 max
Loss on Ignition (LOI)	0.30 - 0.55 %

TYPICAL SAND

SPHERECITY: Non Defined



WHAT MAKES OUR SAND BETTER?

EZ-Flo™ has a defined sphericity that aids in increasing permeability by creating larger pore spacing over typical sands which are more angular and jagged in morphology.

EZ-Flo™ is a high purity product containing 99.5% Silica (Sand) without scaling compounds such as Iron Oxides and Calcium Oxides that can cause permeability reducing scale when mixed with in-situ waters.

CES EZ-FLO™ / COLORADO SAND

Chemical Compound	Value / Weight
Silica (SiO ₂)	99.48%
Alumina (Al ₂ O ₃)	0.21%
Iron Oxide (Fe ₂ O ₃)	0.06%
Calcium Oxide (CaO)	<0.01%
Magnesium Oxide (MgO)	<0.01%
Titanium Oxide (TiO ₂)	<0.01%

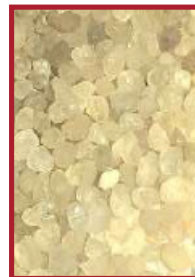
CES EZ-FLO™

SPHERECITY: 0.6

10-20



16-30



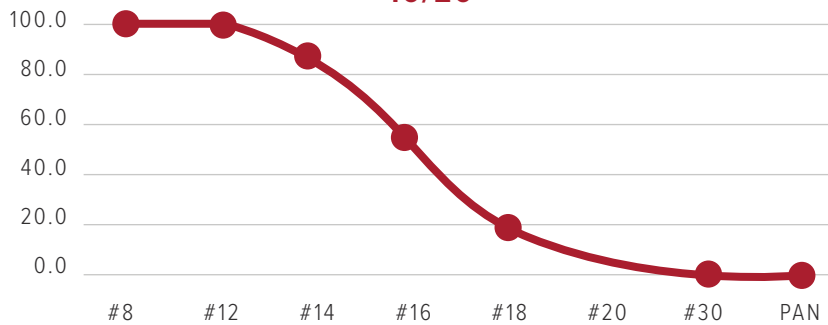
20-40



SAND SIZE ANALYSIS

SIEVE GRAPH % PASSING

10/20

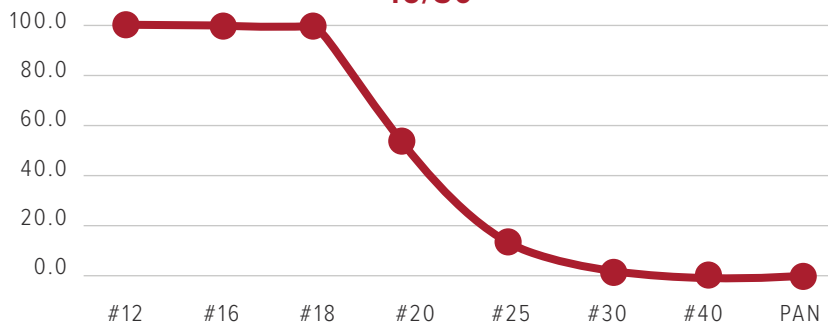


SIEVE ANALYSIS

SIEVE	%Retained	%Passing
#8	0.0	100.0
#12	0.1	99.9
#14	12.1	87.8
#16	31.4	56.4
#18	32.8	23.6
#20	17.3	6.3
#30	5.9	0.4
PAN	0.4	0.0

SIEVE GRAPH % PASSING

16/30

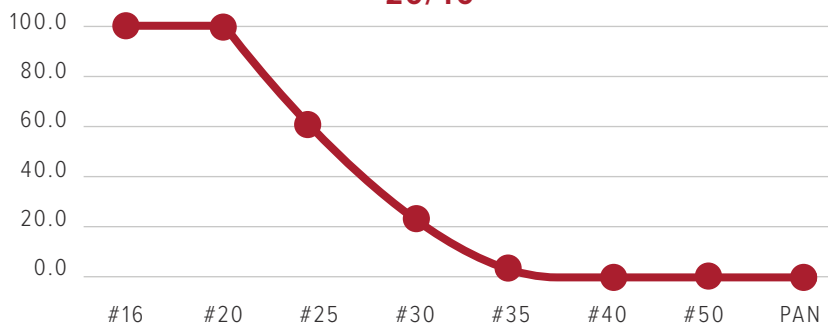


SIEVE ANALYSIS

SIEVE	%Retained	%Passing
#12	0.0	100.0
#16	0.1	99.9
#18	2.1	97.8
#20	45.1	52.7
#25	41.9	10.8
#30	9.4	1.4
#40	1.4	0.0
PAN	0.0	0.0

SIEVE GRAPH % PASSING

20/40



SIEVE ANALYSIS

SIEVE	%Retained	%Passing
#16	0.0	100.0
#20	0.6	99.4
#25	34.2	65.2
#30	42.6	22.6
#35	18.0	4.6
#40	3.8	0.8
#50	0.8	0.0
PAN	0.0	0.0



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