

SinterMax Lock Bauxite

Sieve Analysis

%Retained	R15	R15
Sieves	20/40	30/50
#16	0	-
#20	4.9	0
#25	46.2	-
#30	37.7	6.9
#35	8.4	46.0
#40	1.7	35.7
#50	1.0	10.4
#60	-	0.70
#70	-	0.20
Fines	0.1	0.1
Mean Diameter (mm)	0.715	0.50

Chemical Composition

%	
Al ₂ O ₃	73.3
Fe ₂ O ₃	12.9
SiO ₂	6.5
TiO ₂	2.4
Others	4.9

Other Properties

Sphericity & Roundness	-	0.80 x 0.80
Bulk Density	lb/ft ³	1.97
	g/cm ³	122.98
Apparent Density	g/cm ³	3.64
Absolute Density	g/cm ³	3.61
Turbidity	FTU	180.00
Acid Solubility	%	6.00

Crush Resistance Stress psi, % fines

	R15	R15
15,000 psi	6.9	5.3

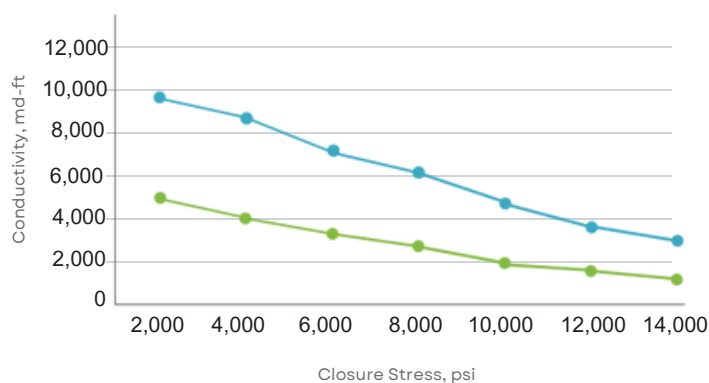
Safety Data Sheet Requests via the website:
intranet.infobasys.com.br/Produto_FSM/Curimbaba/FSM_pt.nsf/wPortal?OpenPage.

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GRUPO CURIMBABA

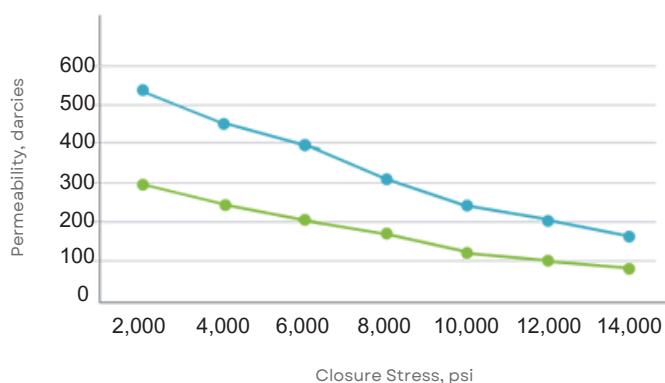
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SinterMax Lock - Conductivity

md-ft - 2% KCl - 2lb/ft² @250°F

	2,000	4,000	6,000	8,000	10,000	12,000	14,000
20/40R1.5	9,643	8,693	7,175	6,178	4,742	3,627	2,952
30/50R1.5	4,911	3,962	3,266	2,686	1,901	1,511	1,138



SinterMax Lock - Permeability

darcies - 2% KCl - 2lb/ft² @250°F

	2,000	4,000	6,000	8,000	10,000	12,000	14,000
20/40R1.5	533	452	399	311	245	205	165
30/50R1.5	295	244	205	172	123	101	79