

SinterMax Bauxite

Sieve Analysis

% Retained

Sieves	16/30	20/40	30/50	40/70
#12	0	-	-	-
#16	2	0	-	-
#18	63	-	-	-
#20	18	7	0	-
#25	8	49	-	-
#30	8	41	6	0
#35	-	3	48	-
#40	1	0	38	6
#45	-	-	-	43
#50	-	-	8	40
#60	-	-	0	10
#70	-	-	0	1
#80	-	-	-	-
#100	-	-	-	-
Fines	0	0	0	0
Mean Diameter (mm)	0.95	0.72	0.50	0.35

Chemical Analysis

%	
Al ₂ O ₃	77.2
Fe ₂ O ₃	12.6
SiO ₂	5.6
TiO ₂	1.5
Others	3.1

Other Properties

Sphericity & Roundness	-	0.9x0.9
Bulk Density	g/cm ³	2.02
Apparent Density	lb/ft ³	126
Absolute Density	g/cm ³	3.64
Turbidity	FTU	100
Acid Solubility	%	5.5

Crush Resistance Stress psi, % fines

	16/30	20/40	30/50	40/70
15,000 psi	5.1	3.2	2.4	1.9
20,000 psi	-	5.3	-	-
25,000 psi	-	-	5.6	-
30,000 psi	-	-	-	5.7

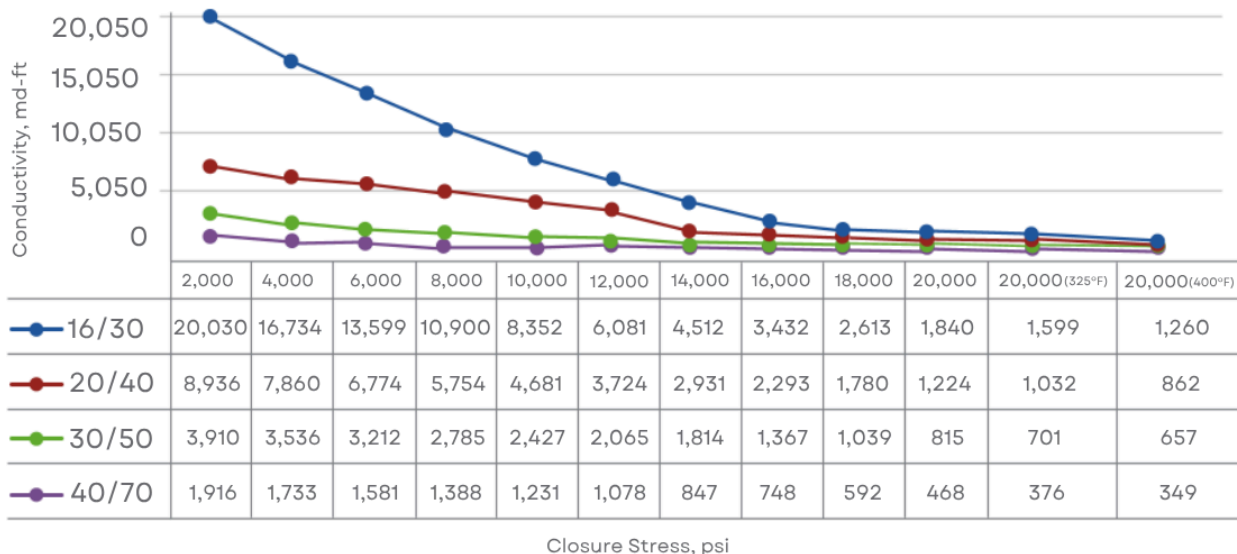
Safety Data Sheet Requests via the website:
intranet.infobasys.com.br/Produto_FSM/Curimbaba/FSM_pt.nsf/wPortal?OpenPage.



SinterMax Bauxite

SinterMax Bauxite - Conductivity

md-ft - 2% KCl - 2lb/ft² @250°F



SinterMax Bauxite - Permeability

darcies, 2% KCl - 2lb/ft² @250°F

