CURIMBABA PROPPANTS

SINTEX NORTH AMERICA
www.sintexminerals.com

SinterBlast

Sieve Analysis

% Retained

Sieves	40/120	120/270
#40	1	-
#50	38	-
#70	33	-
#80	12	1
#120	16	15
#140	-	22
#170	-	29
#200	-	17
#270	-	10
#325	-	2
Fines	-	4

Chemical Analysis

%

Al_2O_3	73.8
Fe_2O_3	14.8
SiO_2	7.0
TiO_2	1.9
CaO	1.6
Others	0.3

SinterBlast Bauxite is a fine-mesh, angular high strength bauxite proppant manufactured by Mineração Curimbaba, Ltda. in Southern Brazil.

Applications

>> More effective lead-ins than 100 mesh silica sand

- Reduce tortuosity by abrasion of perf tunnels and near wellbore fractures.
- Reduce perf friction pressure thereby reducing hydraulic horsepower costs.
- Prop microfractures with reduced fines from crushing.

>> Primary proppant in deep water-fracs

- Highly abrasive for fracture face scouring.
- Fine grains for transport in slick water and linear gels.
- High strength bauxite mineralogy for crush resistance.

>> Advantages over silica sand

- Stronger, more durable due to mineralogy.
- More angularity.
- 30 times more abrasive.
- Higher crush resistance.
- Higher conductivity.

Other Properties

		40/120	120/270
Bulk Density	g/cm^3	1.87	1.53

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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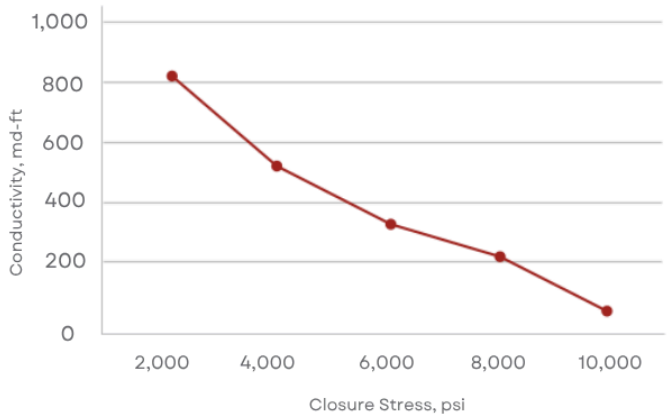
SinterBlast

SinterLite Lock Bauxite - Conductivity

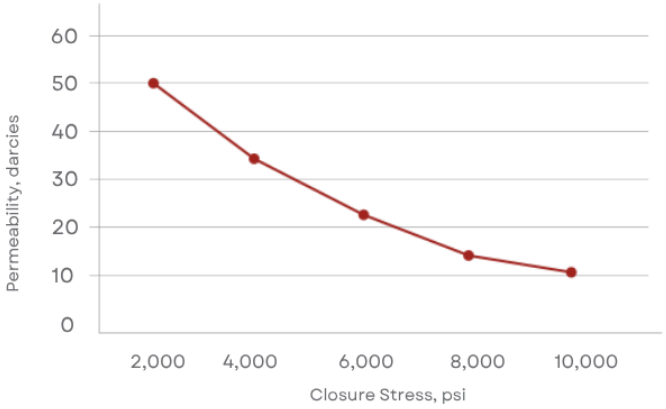
md-ft - 2% KCl - 2lb/ft² @250°F



	2,000	4,000	6,000	8,000	10,00
40/120	811	517	329	209	134

SinterLite Lock Bauxite - Permeability

darcies - 2% KCl - 2lb/ft² @250°F



	2,000	4,000	6,000	8,000	10,000
40/120	50	34	24	16	11