

SinterBlast Jat

Sieve Analysis

% Retained

Sieves	8/16	10/20	12/20	16/30	18/30	20/40	30/70
#12	37	-	-	-	-	-	-
#16	59	50	47	2	-	-	-
#18	-	-	-	23	3	-	-
#20	3	43	46	40	39	1	-
#25	-	-	-	29	40	-	-
#30	-	6	6	5	16	69	3
#35	-	-	-	-	-	28	-
#40	-	-	-	1	2	2	48
#60	-	-	-	-	-	-	46
#70	-	-	-	-	-	-	2
#100	-	-	-	-	-	-	1
Fines	1	1	1	-	-	-	-
Mean Diameter (mm)	1.640	1.210	1.200	0.910	0.820	0.660	0.430

Chemical Analysis

%	
Al ₂ O ₃	73
Fe ₂ O ₃	15
SiO ₂	7
TiO ₂	2
K ₂ O	1
Others	2

Mineralogical Analysis

%	
Corundum-α Al ₂ O ₃	89.4
Hematite -α Fe ₂ O ₃	7.5
Maghemite-γ Fe ₂ O ₃	2.3
Pseudobrookite Fe ₂ TiO ₅	0.7

Other Properties

Bulk Density	g/cm ³	1.94
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Crush Resistance Strees, % fines

	8/16	10/20	12/20	16/30	18/30	20/40	30/70
7,500 psi	25.9	21.1	22.0	20.5	16.4	14.9	12.4

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