

CASTBALL

SPHERICAL CERAMIC SAND FOR METALCASTING

Sieve Analysis

% Retained

Sieves	AFS 40	AFS 45	AFS 50	AFS 55	AFS 65
# 20	-	-	-	-	-
# 30	1	-	-	-	-
#40	31	15	10	2	-
#50	42	40	37	18	2
#70	21	34	36	56	50
#100	4	9	14	20	37
#140	1	2	3	4	10
#200	-	-	-	-	1
#270	-	-	-	-	-
Fines	-	-	-	-	-
Fineness Number GFN	41	46	49	54	63
Permeability	281	227	162	136	104
Shape	Espherical				

Chemical Analysis

%	
Al ₂ O ₃	73.5
Fe ₂ O ₃	14
SiO ₂	7
TiO ₂	2
Others	3.5

Mineralogical Analysis

%	
Corundum	84.5
Hematite	6.5
Maghemite	1.5
Mullite	-
Anorthite	7.5

Other Properties

Loss on ignition	%	<0.10
Moisture	%	<0.10
pH	-	7.1
Acid Demand pH 2	ml	1.6
Acid Demand pH 6	ml	0.8

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

