



TECHNICAL DATA SHEET

IDENTIFICATION

Product reference: ALUFFIL
Description: Ceramic foam filters.
Date: 1st-July-2008

USE

For the filtration of molten aluminium and its alloys.

PHYSICAL PROPERTIES

Property	Method	Unit	Limits
Porosity	-	%	>= 80
Compression strength	-	Mpa at room Temp.	>= 1.0
Volume density	-	g/m ³	<= 0.5
Thermal shock resistance	-	°C	800°C~20°C, 5 times

CHEMICAL CONTENT

item	wt%
Al ₂ O ₃	65 - 70
SiO ₂	15-20
Others	10-20

DIMENSIONS

Thickness Thickness ± 2 mm
Top surface Length ± 2% mm
Angle 17.5°±0.5°

APPEARANCE REQUIREMENTS

No cracking allowed across the full length of the edge
Pore size 10 PPI ± 3 PPI
Any fine cracks within the filter matrix may not be through-going
Filters should be white in appearance
Filters should be free from loose debris

Stamp and signature



Remark: Manguitos Arrosi, S.L. declines all responsibility if these products are used in other applications they were made for, agreed and officially approved by the customer.