



ALMATIS

PREMIUM ALUMINA



## Global Product Data

# AIM - Almatis Integrated Matrix Products

Chemical Composition [%]	AIM 99 typical	AIM 93 S typical	AIM 90 SP typical	AIM 90 M typical
Al <sub>2</sub> O <sub>3</sub> by difference	99.5	92.5	88.5	90
MgO		7	9.5	
Na <sub>2</sub> O	< 0.3	< 0.3	< 0.3	< 0.3
SiO <sub>2</sub>			1.5	9.0
Fe Magnetic	< 0.1	< 0.15	< 0.15	< 0.1
L.O.I. at 1050 °C	1	1	1	0.5
α-Al <sub>2</sub> O <sub>3</sub>	xxx	xxx	xxx	xxx
AR-Spinel		xxx	xx	
Periclase			xx	
Microsilica			x	xx
Grain Size Distribution < 0.045 mm [%]	85	90	95	82

All data are based upon Almatis standard test methods.

The typical properties are based upon the actual averages from production data.

Use of the AIM products for free-flowing casting slips according to German patent DE 4125511 and its correspondent equivalent patents is not allowed without corresponding license of patent proprietor.

Think alumina, think Almatis.

GP-RCP/023/R01/0812/MSDS 1018



## AIM - Almatís Integrated Matrix Products



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## MSDS 1018