



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 ₂ O ₃ by difference	99.5	92.5	88.5	90
MgO		7	9.5	
Na ₂ O	< 0.3	< 0.3	< 0.3	< 0.3
SiO ₂			1.5	9.0
Fe Magnetic	< 0.1	< 0.15	< 0.15	< 0.1
LOI. at 1050 °C	1	1	1	0.5
α-Al ₂ O ₃	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.



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