



OMG 50 - PRODUCT SPECIFICATION

Non-covered spheroid atomized aluminum powder used in aluminothermia, exothermal products, siderurgy, metallurgy and alike.

Chemical Composition	Unit	Essay	Average	
			Minimum	Maximum
ALUMINUM(Al)	%	ASTM E 1024-84	98,50	
IRON(Fe)	%	ASTM E 1024-84		1,00
SILICIUM(Si)	%	ASTM E 34-88		0,50
COPPER(Cu)	%	ASTM E 1024-84		0,25
ZINC(Zn)	%	ASTM E 1024-84		0,20
MAGNESIUM(Mg)	%	ASTM E 1024-84		0,60
MANGANESE(Mn)	%	ASTM E 1024-84		0,60
NICKEL(Ni)	%	ASTM E 1024-84		0,10
LEAD(Pb)	%	ASTM E 1024-84		0,05

GRANULOMETRY (STANDARD)

		Unit	Essay	Minimum	Maximum
Mesh	30 mesh - 100% passant	%	ASTM B 214-92		
Mesh	50 mesh - 15% maximum retained	%	ASTM B 214-92		
Mesh	170 mesh - 80% max. retained	%	ASTM B 214-92		
Mesh	170 mesh passant - 10% max.	%	ASTM B 214-92		
Mesh		%	ASTM B 214-92		

APPARENT DENSITY

Unit	Essay	Minimum	Maximum
(g/cm ³)	ASTM B 329-90	0,8	1,2

STANDARD PACKAGING

EOM 25: 25 kg bags.
EOM 1000: Big Bag from 1,000 kg to 1,500 kg.

ISO Certification 9001:2008

ATOMIZAÇÃO DE METAIS ÔMEGA LTDA.
 MATRIZ: Rua do Alumínio, 153 - CEP 08586-220 - Itaquaquetuba/SP
 FILIAL: Rua do Bronze, 250 - CEP 08586-080 - Itaquaquetuba/SP
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