

SEA WATER MAGNESIA PRODUCT DATA SHEET

(Typical%) The following are not guaranteed specifications.

UBE 995-S

MgO	99.45	~	99.55
CaO	0.17	~	0.25
SiO ₂	0.15	~	0.20
Fe ₂ O ₃	0.05	~	0.08
Al ₂ O ₃	0.05	~	0.08
B ₂ O ₃	0.002	~	0.008

Apparent Porosity	0.7	~	1.5 (%)
Bulk Density	3.43	~	3.47 (g/cm ³)

UBE 99-S

MgO	99.00	~	99.20
CaO	0.40	~	0.60
SiO ₂	0.15	~	0.30
Fe ₂ O ₃	0.05	~	0.10
Al ₂ O ₃	0.05	~	0.10
B ₂ O ₃	0.01	~	0.04

Apparent Porosity	1.0	~	2.5 (%)
Bulk Density	3.30	~	3.35 (g/cm ³)

UBE 99HD

MgO	98.70	~	99.10
CaO	0.60	~	0.90
SiO ₂	0.15	~	0.20
Fe ₂ O ₃	0.05	~	0.10
Al ₂ O ₃	0.05	~	0.10
B ₂ O ₃	0.02	~	0.05

Apparent Porosity	1.0	~	2.0 (%)
Bulk Density	3.40	~	3.45 (g/cm ³)

UBE 98HD

MgO	97.80	~	98.20
CaO	1.20	~	1.50
SiO ₂	0.30	~	0.40
Fe ₂ O ₃	0.05	~	0.10
Al ₂ O ₃	0.05	~	0.10
B ₂ O ₃	0.03	~	0.06

Apparent Porosity	0.7	~	1.5 (%)
Bulk Density	3.45	~	3.50 (g/cm ³)

UBE 98-S

MgO	98.00	~	98.50
CaO	0.80	~	1.00
SiO ₂	0.80	~	1.00
Fe ₂ O ₃	0.07	~	0.10
Al ₂ O ₃	0.10	~	0.15
B ₂ O ₃	0.06	~	0.12

Apparent Porosity	1.0	~	2.0 (%)
Bulk Density	3.30	~	3.35 (g/cm ³)

UBE GREEN-T

MgO	97.80	~	98.30
CaO	0.80	~	1.10
SiO ₂	0.20	~	0.35
Fe ₂ O ₃	0.05	~	0.10
Al ₂ O ₃	0.05	~	0.10
B ₂ O ₃	0.06	~	0.12
Cr ₂ O ₃	0.20	~	0.25

Apparent Porosity	2.0	~	4.0 (%)
Bulk Density	3.30	~	3.40 (g/cm ³)

UBE GREEN

MgO	97.80	~	98.30
CaO	0.80	~	1.20
SiO ₂	0.20	~	0.40
Fe ₂ O ₃	0.05	~	0.15
Al ₂ O ₃	0.05	~	0.15
B ₂ O ₃	0.40	~	0.60
Cr ₂ O ₃	0.15	~	0.25

Apparent Porosity	2.0	~	3.5 (%)
Bulk Density	3.30	~	3.40 (g/cm ³)

UBE 95

MgO	95.00	~	95.50
CaO	1.10	~	1.50
SiO ₂	2.50	~	3.00
Fe ₂ O ₃	0.10	~	0.20
Al ₂ O ₃	0.20	~	0.30
B ₂ O ₃	0.20	~	0.40

Apparent Porosity	1.0	~	3.0 (%)
Bulk Density	3.30	~	3.35 (g/cm ³)

UBE 90F

MgO	90.00	~	93.00
CaO	1.00	~	2.50
SiO ₂	1.50	~	2.50
Fe ₂ O ₃	3.00	~	5.00
Al ₂ O ₃	0.30	~	0.50

Apparent Porosity	4.0	~	7.0 (%)
Bulk Density	2.60	~	3.00 (g/cm ³)

USMD70

MgO	71.00	~	74.00
CaO	24.00	~	27.00
SiO ₂	0.80	~	1.10
Fe ₂ O ₃	1.00	~	1.20
Al ₂ O ₃	0.20	~	0.35
B ₂ O ₃	0.20	~	0.30

Apparent Porosity	1.0	~	2.0 (%)
Bulk Density	3.30	~	3.40 (g/cm ³)

MC40

MgO	39.00	~	44.00
CaO	55.00	~	60.00
SiO ₂	0.30	~	0.40
Fe ₂ O ₃	0.30	~	0.40
Al ₂ O ₃	0.15	~	0.25
B ₂ O ₃	0.01	~	0.05

Apparent Porosity	1.5	~	2.5 (%)
Bulk Density	3.32	~	3.35 (g/cm ³)



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