

Type of Product		MS 100	LS6	VLS6
Al <sub>2</sub> O <sub>3</sub>	%	min. 99.3	min. 99.7	min. 99.7
Na <sub>2</sub> O total	%	max. 0.20	max. 0.10	max. 0.05
Fe <sub>2</sub> O <sub>3</sub>	%	max. 0.05	max. 0.05	max. 0.05
SiO <sub>2</sub>	%	max. 0.05	max. 0.05	max. 0.05
Specific surface area (BET)	m <sup>2</sup> /g	75	6	6
Primary crystal size	µm	-	-	-
Average particle size d <sub>50</sub>	µm	80	80	80
Bulk density	kg/m <sup>3</sup>	1000	1100	1100

Typical values, if not specified otherwise

Type of Product		M-1	M-MS1	M-LS1	M-VLS1
Al <sub>2</sub> O <sub>3</sub>	%	min. 99.3	min. 99.3	min. 99.7	min. 99.7
Na <sub>2</sub> O total	%	max. 0.40	max. 0.20	max. 0.10	max. 0.05
Fe <sub>2</sub> O <sub>3</sub>	%	max. 0.05	max. 0.05	max. 0.05	max. 0.05
SiO <sub>2</sub>	%	max. 0.05	max. 0.05	max. 0.05	max. 0.05
Specific surface area (BET)	m <sup>2</sup> /g	0.4	0.5	0.6	0.6
Primary crystal size	µm	3.5	3	2.5	2
Average particle size d <sub>50</sub>	µm	70	70	70	70
Bulk density	kg/m <sup>3</sup>	800	800	900	900

Typical values, if not specified otherwise

**customer adjustable top cut possible in all grades**

### Standard Packing

- Paper Bags 25 kg, 50 kg
- Big bags
- Bulk



Type of Product		M-1FG	M-MS1FG	M-VLS1 FG
Al <sub>2</sub> O <sub>3</sub>	%	min. 99.3	min. 99.7	min. 99.7
Na <sub>2</sub> O total	%	max. 0.40	max. 0.20	max. 0.05
Fe <sub>2</sub> O <sub>3</sub>	%	max. 0.05	max. 0.05	max. 0.05
SiO <sub>2</sub>	%	max. 0.05	max. 0.05	max. 0.05
Loss on ignition(L.O.I.)	%	0.30	0.30	0.30
Specific surface area (BET)	m <sup>2</sup> /g	max 1.5	max 1.5	max 1.5
Primary crystal size	µm	2.5-4.0	1.5-2.5	1.5-2.5
Average particle size d <sub>50</sub>	µm	5	5	5
+ 45 µm sieve	%	max. 3	max. 3	max. 3
Bulk density	kg/m <sup>3</sup>	850	850	850

Typical values, if not specified otherwise

Type of Product		M-1SG	M-VLS1SG	M-VLS1SG3
Al <sub>2</sub> O <sub>3</sub>	%	min. 99.3	min. 99.7	min. 99.7
Na <sub>2</sub> O total	%	max. 0.40	max. 0.05	max. 0.05
Fe <sub>2</sub> O <sub>3</sub>	%	max. 0.05	max. 0.05	max. 0.05
SiO <sub>2</sub>	%	max. 0.05	max. 0.05	max. 0.05
Loss on ignition(L.O.I.)	%	0.30	0.30	0.30
Specific surface area (BET)	m <sup>2</sup> /g	max 1.5	max 1.5	max 2
Primary crystal size	µm	2.5-4.0	2.5-4.0	1.5-2.5
Average particle size d <sub>50</sub>	µm	max. 4	max. 4	max. 3
+ 45 µm sieve	%	max. 3	max. 3	max. 2
Bulk density	kg/m <sup>3</sup>	850	850	800

Typical values, if not specified otherwise

### Standard Packing

- Paper Bags 25 kg, 50 kg
- Big bags
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