

Sodiummetasilicate anhydrous

Formula	Na₂SiO₃
CAS Nr	6834-92-0
UN Nr	3253
UN Packaging group	III
ADR / RID Class	8

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
Na ₂ O	49,6 – 51,0	%	Derived from ISO 1692
SiO ₂	46,0 – 47,4	%	Derived from ISO 2124
Dry matter	95,5 – 98,5	%	Na ₂ O + SiO ₂
Molratio	0,94 – 0,98	/	ISO 1689
Weightratio	0,91 – 0,95	/	ISO 1689
pH (1%)	> 12,5	/	
Insoluble	< 0,04	%	ISO 2122
Fe	< 100	ppm	Derived from ISO 6332
Density	1,000 – 1,300	g/cm ³	
Appearance	White granule	/	

Granulometry

<i>Fraction</i>	<i>FA</i> (= 0,000 - 0,630 mm)	<i>FB</i> (= 0,400 - 1,250 mm)	<i>FC</i> (= 0,000 - 1,250 mm)
< 0,200 mm	≤2,0 %	-	≤2,0 %
< 0,400 mm	-	≤2,0 %	-
> 0,630 mm	≤2,0 %	-	-
> 1,250 mm	-	≤2,0 %	≤2,0 %