

Sodium metasilicate pentahydrate

Formula	Na₂SiO₃.5 H₂O
CAS Nr	10213-79-3
EINECS Nr	229-912-9
UNO Nr	3253
RID/ADR	8/41C

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>	<i>Method</i>
Na ₂ O	28.8 ± 0.7	%	Derived from ISO 1692
SiO ₂	28.7 ± 0.7	%	Derived from ISO 2124
Dry matter	57.5 ± 1.0	%	Na ₂ O + SiO ₂
Molratio	1.03 ± 0.02	/	ISO 1689
Weightratio	1.00 ± 0.02	/	ISO 1689
pH (1%)	12,5 ± 0,5	/	
Insoluble	< 0.02	%	ISO 2122
Fe	< 50	ppm	Derived from ISO 6332
Density	0.95 ± 0.1	g/cm ³	
Appearance	White granules	/	

Granulometry

<i>Fraction</i>	<i>Fine</i>	<i>Medium</i>
< 0.200 mm	≤ 2,0 %	≤ 2,0 %
> 1.250 mm	≤ 2,0 %	-
> 1.600 mm	-	≤ 2,0 %

In case you wish to receive automatically a new specimen at any change of the specifications, please notify to the Quality Department, ☎ +32 89 730 222