



# BatchMaker<sup>®</sup> 2017

Standard | Professional | Enterprise

## Important Changes in Comparison to BatchMaker 2016

as at August 2020

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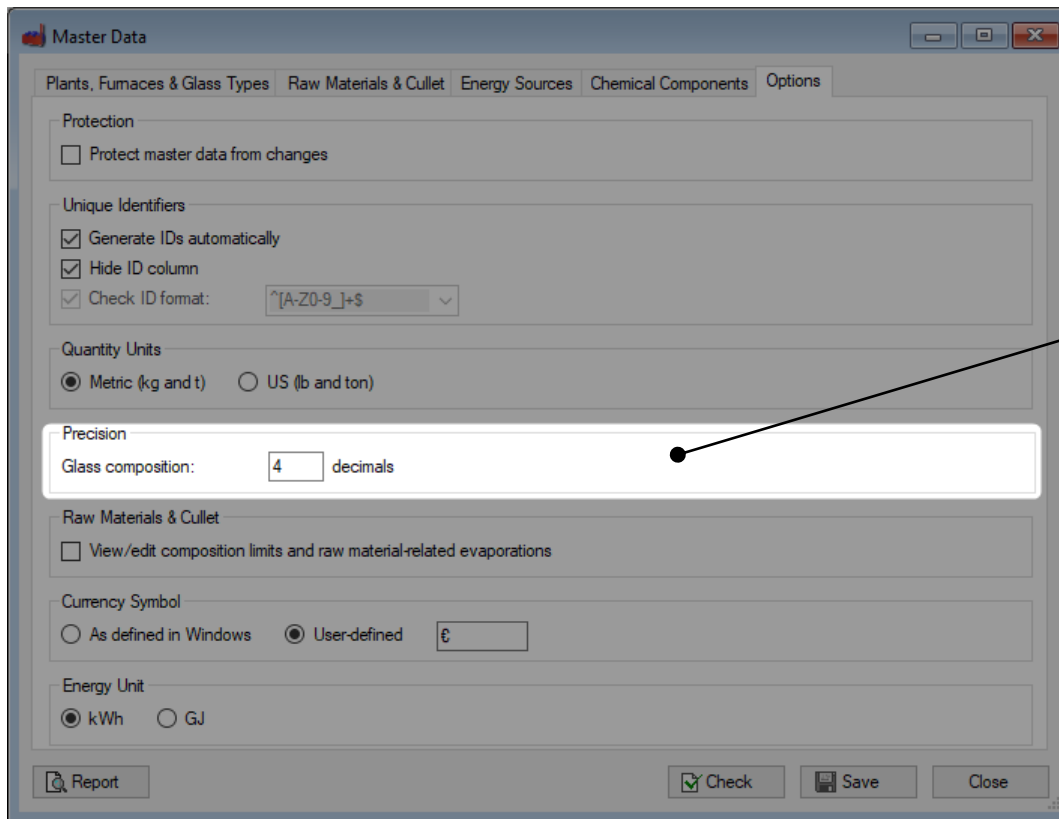
# Raw Material Premixes

New tab page in the Analyses window for specifying the proportions of premixes. From this, BatchMaker automatically calculates the chemical composition used for batch calculation.

Raw material	Amount
Soda ash	20.0000
Selen (pellets)	3.0000
Erbium oxide	1.0000
Neodymium oxide	1.0000

New raw material type "Premix" for defining raw material mixtures in the Master Data window.

# Configurable Accuracy



The screenshot shows the 'Master Data' dialog box with the 'Options' tab selected. The 'Precision' section is highlighted, showing 'Glass composition: 4 decimals'. A black dot is placed on the number '4' in the input field, with a line pointing to the text box on the right.

Master Data

Plants, Furnaces & Glass Types Raw Materials & Cullet Energy Sources Chemical Components Options

Protection

Protect master data from changes

Unique Identifiers

Generate IDs automatically

Hide ID column

Check ID format:

Quantity Units

Metric (kg and t)  US (lb and ton)

Precision

Glass composition:  decimals

Raw Materials & Cullet

View/edit composition limits and raw material-related evaporations

Currency Symbol

As defined in Windows  User-defined

Energy Unit

kWh  GJ

Report Check Save Close

The number of decimal places for entering the chemical target composition in the glass recipe and when displaying the synthesis in the batch recipe can be configured in the master data options.

# Averaged Raw Material Analysis

Analyses

Raw Materials & Cullet | Premixes | Energy Sources | Options

Ingredients for Plant 'Container Glass'

Plant: Container Glass

Ingredient	Humidity (%)	Price (€/t)
Glass sand	5.50	29.00
Soda ash		165.00
<b>Limestone</b>		15.00
Limestone (low iron)		19.00
Dolomite		32.00

Ingredient

- Nepheline syenite
- Hematite
- Glass sand (ultrapure)
- Potash
- Lead oxide
- Salpeter

Chemical Composition of 'Limestone'

Date	SiO2	Na2O	K2O	CaO	MgO	Al2O3	Fe2O3	TiO2	Component
<b>Averaged</b>	<b>0.6834</b>	<b>0.0473</b>	<b>0.4199</b>	<b>55.3077</b>	<b>0.2776</b>	<b>0.1732</b>	<b>0.1234</b>	<b>0.0110</b>	<b>Li2O</b>
<input checked="" type="checkbox"/> 5/13/2015	0.6582	0.0436	0.4523	55.3580	0.2805	0.1685	0.1258	0.0180	PbO
<input checked="" type="checkbox"/> 7/20/2015	0.6801	0.0423	0.4623	55.2450	0.2810	0.1750	0.1323	0.0152	BaO
<input checked="" type="checkbox"/> 9/1/2015	0.7120	0.0560	0.3450	55.3200	0.2712	0.1760	0.1120	0.0200	B2O3
<input type="checkbox"/>									Cr2O3
									CoO
									CuO
									NiO

Multiple analyses  
 Single analysis  
Delete  
Select All  
Unselect All

Report  
Copy Data...  
Check  
Save  
Close

The averaged analysis is highlighted in bold for better readability.