


Reference: Property Validation Types

Last Modified on 07/23/2021 10:59 am EDT

The following table is a list of the validations available for each property type. Click the corresponding link on the right, or scroll down to the list below to learn more about a validation type.

String, Link, Rich Text, HTML	Number	Enumerated / Picklist	Date	Digital Asset	Boolean (True/False)	Reference, Non-Quantified Reference
Min/Max Values	Min/Max Values	Min/Max Values	Min/Max Values	Min/Max Values	Min/Max Values	Min/Max Values
Required	Required	Required	Required	Required	Required	Required
Min/Max Length	Decimal Places	Allowed Values	Min/Max Date	Min/Max Horizontal Pixel Count		
Min/Max Length Across Values	Restricted Range	Regex	Restricted Range	Min/Max Vertical Pixel Count		
Regex	Regex		Regex			

Property Validation Types

Each validation type is listed below with its definition, and the property types it's available to. Click the  plus icon to expand the validation you want to view.

Want to view the validations available by property type? [Click here](#) to visit the property type reference page.

Allowed Values

Specify which values in an enumerated/picklist property IDs are valid for products in the taxonomy node.

Property types it applies to: [Enumerated/Picklist property](#)

Import Column IDs: `salsify:valid_enumerated_values`

Min/Max Date

Range of dates allowed.

Property types it applies to: [Date](#)

Import Column IDs:

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Product Launch Date'. It includes fields for 'Required' (checked), 'Number of Values', 'Minimum', and 'Maximum'. A section titled 'Restrict Date Range' is highlighted with an orange box, containing 'Minimum' (2020-06-01) and 'Maximum' (2021-07-31) date pickers. Below this are two 'Relative date value' sections, each with a dropdown menu and a 'Select Property' button. A 'Save' button is at the bottom right.

`salsify:min_date_value`, `salsify:max_date_value`

Accepts: Integers

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Category'. It includes fields for 'Required' (checked), 'Number of Values', 'Minimum', and 'Maximum'. A section titled 'Allowed Picklist Values' is highlighted with an orange box, showing '6 Values Selected' with edit and delete icons. A 'Save' button is at the bottom right.

Min/Max Decimal Places

Number of digits allowed after the decimal point for the stored property value.

Property types it applies to: [Number](#)

Import Column IDs: `salsify:min_decimal_places`,
`salsify:max_decimal_places`

Accepts: Integers

Min/Max Dimension Pixel Counts

Min/Max Vertical Pixel Count

Range of pixels allowed on the vertical side of an image.

Property types it applies to: [Digital Asset](#)
Import Column IDs:

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Hero Image'. It includes a 'Required' toggle (checked), 'Number of Values' set to 1, and 'Minimum' and 'Maximum' values both set to 1. A section titled 'Vertical Pixel Count' is highlighted with an orange box, showing 'Minimum' and 'Maximum' values both set to 500. Below it, the 'Horizontal Pixel Count' section also shows 'Minimum' and 'Maximum' values both set to 500. A 'Save' button is at the bottom right.

`salsify:min_vertical_pixels`, `salsify:max_vertical_pixels`

Accepts: Integers

Min/Max Horizontal Pixel Count

Range of pixels allowed on the horizontal side of an image.

Property types it applies to: [Digital Asset](#)

Import Column IDs: `salsify:min_horizontal_pixels`, `salsify:max_horizontal_pixels`

Accepts: Integers

Min/Max Length

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Product Length'. It includes a 'Required' toggle (checked), 'Number of Values' set to 1, and 'Minimum' and 'Maximum' values both set to 1. The 'Restrict range of a Value' section shows 'Minimum' set to .01 and 'Maximum' set to 70. A section titled 'Number of Decimal Places in a Value' is highlighted with an orange box, showing 'Minimum' set to an empty field and 'Maximum' set to 2. Below it, the 'Relative numerical value' section shows a dropdown set to 'Greater than' and a 'Select Property' dropdown set to 'Product Height'. A 'Save' button is at the bottom right.

Total number of allowed characters in each property value.

Property types it applies to: [String](#), [Link](#), [Rich Text](#)

Import Column IDs: `salsify:min_string_length`,
`salsify:max_string_length`

Accepts: Integers

Min/Max Length Across Values

Total number of all characters across the combined values for a property.

Property types it applies to: [String](#), [Link](#), [Rich Text](#)

Import Column IDs:

EDIT VALIDATIONS

Edit Validations for Name

Required:

Number of Values [?]

Minimum × Maximum

Number of Characters in a Value [?]

Minimum Maximum

Number of Characters across all Values [?]

Minimum Maximum

Custom Regex Validation [?]

Define Regex Rule

`salsify:min_combined_string_length`, `salsify:max_combined_string_length`

Accepts: Integers

Min/Max Values

EDIT VALIDATIONS

Edit Validations for Name

Required:

Number of Values [?]

Minimum × Maximum

Number of Characters in a Value [?]

Minimum Maximum

Number of Characters across all Values [?]

Minimum Maximum

Custom Regex Validation [?]

Define Regex Rule

Sets a minimum and/or maximum number of property values per property. Setting a minimum of 1 is the equivalent of setting a property to Required.

Property types it applies to: **All**

Import Column IDs: `salsify:min_num_values`,
`salsify:max_num_values`

Accepts: Integers

Regex

Use a regular expression to validate the content.

Property types it applies to: **String**, **Link**, **Rich Text**, **HTML**

Import Column IDs:

The screenshot shows the 'EDIT VALIDATIONS' dialog for the 'Name' property. The 'Required' checkbox is checked. The 'Number of Values' section has a minimum of 1. The 'Custom Regex Validation' section is highlighted with an orange border and contains a dropdown menu with 'Select Predefined Rule', radio buttons for 'Matches' (selected) and 'Does Not Match', a text input field with the pattern '([A-Z][^\s]*)', an error message field with the text 'Must be title case', and a 'Clear Rule' button. A 'Save' button is at the bottom right.

`salsify:regex_rule:regex`,
`salsify:regex_rule:regex_match_type`, `salsify:regex:regex_rule:regex_error_message`

The screenshot shows the 'EDIT VALIDATIONS' dialog for the 'Name' property. The 'Required' checkbox is checked. The 'Number of Values' section is highlighted with an orange border and contains input fields for 'Minimum' (value 1) and 'Maximum'. Other sections include 'Number of Characters in a Value', 'Number of Characters across all Values', and 'Custom Regex Validation' with a 'Define Regex Rule' button. A 'Save' button is at the bottom right.

Regex Rule

The regex expression that sets the validation rule for the property. In the app, you can choose from preset validations. For help with other regular expressions, here are a few external help sources:

- [Regex commands cheat sheet](#)
- [List of hex codes](#)
- [Testing your regex](#)

Import Column ID: `salsify:regex_rule:regex`

Accepts: Valid regex patterns.

Regex Match Type

Choose whether a valid property value's characters Match or Do Not Match the Regex expression.

Import Column ID: `salsify:regex_rule:regex_match_type`

Accepts: `must_match` OR `must_not_match`

Regex Error

Help text for the validation that explains the validation rule and what's required to meet it.

Import Column ID: `salsify:regex_rule:regex_error_message`

Accepts: Plain text

Relative Numeric/Date Value

Specifies whether a value should be greater than or less than or equal to another property's value. For example, you could specify that a product length property value should be greater than its height property value.

Property types it applies to: [Number](#), [Date](#)

Import Column IDs:

```
salsify:min_relative_numerical_value_rule:attribute_id ,
salsify:max_relative_numerical_value_rule:attribute_id,
salsify:min_relative_numerical_value_rule:inclusive ,
salsify:max_relative_numerical_value_rule:inclusive
```

Minimum & Maximum Attribute ID

The property ID for the property that holds the value it should be less than or greater than.

Import Column

IDs: `salsify:min_relative_numerical_value_rule:attribute_id` ,
`salsify:max_relative_numerical_value_rule:attribute_id`

Accepts: a valid property ID

Minimum & Maximum Attribute ID

Determines whether the value should can be equal to the value it's comparing to or not. ie. Less than (`not_inclusive`) vs. Less than or equal to (`inclusive`).

Import Column

IDs: `salsify:min_relative_numerical_value_rule:inclusvie` ,
`salsify:max_relative_numerical_value_rule:inclusive`

Accepts: `inclusive` OR `not_inclusive` Inclusive means it's less than/greater than or equal to. Not inclusive means it's less than/greater than but not equal to.

The screenshot shows a dialog box titled "EDIT VALIDATIONS" with a close button (X) in the top right corner. The main heading is "Edit Validations for Product Height". Below this, there are several configuration options:

- Required:** A radio button icon.
- Number of Values:** A question mark icon.
- Minimum:** A text input field with a small up/down arrow icon.
- Maximum:** A text input field with a small up/down arrow icon.
- Restrict range of a Value:** A question mark icon.
- Minimum:** A text input field.
- Maximum:** A text input field.
- Number of Decimal Places in a Value:**
- Minimum:** A text input field with a small up/down arrow icon.
- Maximum:** A text input field with a small up/down arrow icon.
- Relative numerical value:** A question mark icon. This section is highlighted with a red border and contains:
 - A dropdown menu with "Less than or equal" selected.
 - A dropdown menu with "Product Length" selected, followed by a close button (X).
 - A dropdown menu with "..." selected.
 - A dropdown menu with "Select Property" selected.

At the bottom right of the dialog box is a blue "Save" button.

Required

In the app, toggle the button to the right to make the value required. Also sets the minimum allowed value to 1. In import, set `salsify:min_num_values` to 1 or more to make the validation required.

Property types it applies to: [All](#)
Import Column ID: n/a

Restricted Range

The minimum/maximum numeric value allowed for the property (ie. stored value can be between 1-100).

Property types it applies to: [Number](#), [Date](#)
Import Column IDs:

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Product Length'. The 'Required' toggle is turned on. The 'Number of Values' is set to 1. The 'Restrict range of a Value' section is highlighted with a red box, showing a minimum of .01 and a maximum of 70. Other sections include 'Number of Decimal Places in a Value' (Maximum: 2) and 'Relative numerical value' (Greater than Product Height). A 'Save' button is at the bottom right.

`salsify:min_numerical_value`, `salsify:max_numerical_value`
Accepts: Numbers

The screenshot shows the 'EDIT VALIDATIONS' dialog for 'Name'. The 'Required' toggle is turned on and highlighted with a red box. Other sections include 'Number of Values', 'Number of Characters in a Value', 'Number of Characters across all Values', and 'Custom Regex Validation'. A 'Define Regex Rule' button with a plus sign is on the right. A 'Save' button is at the bottom right.