



COLORANT RULES IN COLOR IMATCH

Colorant Rules in formulation is used to select a set of colorants out of all the current colorants available to be used for formulation. It is like creating a group of colorants on the fly. For example, if you need to match a shade with paint but need it to dry quickly then you can specify a rule for drying time to be equal to or shorter than 30 minutes. When you choose this rule in formulation it will look through the colorants available and select only those that you have set to have drying times of 30 minutes or less. To use Colorant Rules, you can define up to 30 tags / information you want to track or group by, enter the actual information into each colorant, then create a rule for use in formulation.

First, you will need to set up Colorant Tags. This is a one-time setup and will be used for all colorants in the system. To set up colorant tags you will enter Color iMatch and close all e-Jobs. Then go to the Settings menu and choose Setup Colorant Tagging.

Edit Format File - C:\Color_iControl\SystemShared\Colorant.tag_fmt

Tags

Displayed Labels

- 01 - Permitted in
- 02 - Drying Time**
- 03 - Max Temp
- 04 - Usage
- 05 - Preferred Colorant
- 06 - Application
- <New Item>

Up

Down

Displayed Label

Drying Time

Group Tab

Field Type

Edit List

Values

- 30
- 60
- 90
- 120
- 150
- 180

Auto prompt for this tag

Auto prompt for QCJob, QCSet

Colorant List

-
-
-

OK

Cancel

To create tags, click on <New Item> in the left box and then enter a name for the label under Displayed Label on the right.

number, NOT CONTAIN is Not Contains and can be text or number. Contains and Not Contains should be used especially in multi select fields. **Important: These filters are implemented using “AND” logic, so the results must satisfy all items.**

Color iMatch Job Settings

System eSubmit Tag Format General Job Options Batch Settings Formulate

Display Formula Display Formula Printing Optimum Score Colorant Rules

Current Rules in Job

Select Rule Fast Dry Metal Delete this Rule Export this Rule

Rule Name Fast Dry Metal Create New Rule

Description Import *.rule

Colorant Selection Filter

Colorant tag/label	Qualifier	Value (use '?' prefix to prompt for value)
Drying Time	LT or EQ	120
Application	CONTAINS	Metal

Include Preferred Colorants Include Normal Colorants Include Restricted Colorants

Colorant Pair Restrictions

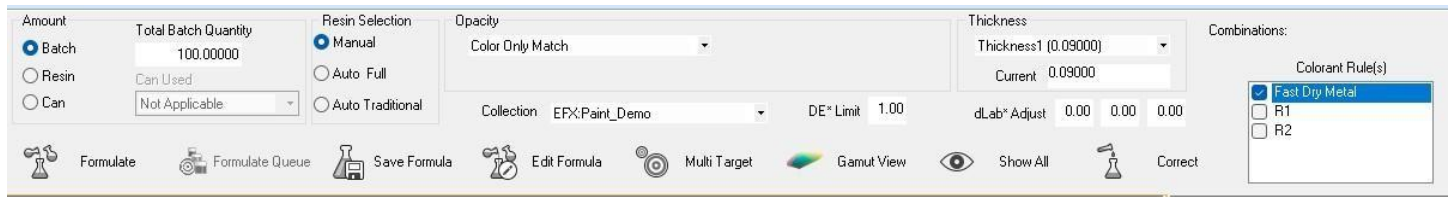
Max %	Colorant 1	Colorant 2

maximum combined % X

Add Pair Remove Pair

OK Cancel Apply Help

Then in formulation you will have a Colorant Rule(s) box on the right side containing all the colorant rules you have created. When you select one of the rules such as Fast Dry Metal then only the colorants meeting those requirements will be used for formulation. So out of the 30 colorants only 12 meet the fast dry metal rule and will be used for formulation. **Important: Starting with v10.8.2, if you select more than one rule here, the operator will be an “OR”, meaning these rules will add to each other, not restrict.**



When using a rule, you will not be able to select or deselect individually colorants. You will need to select no rule to manually select colorants.