

# Overview

Overview

Alerts 11

Reproduction

### Dataset statistics

Number of variables	13
Number of observations	935
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	47.6 KiB
Average record size in memory	52.1 B

### Variable types

Categorical	1
Numeric	12

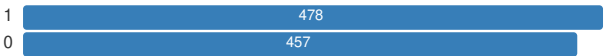
# Variables

Select Columns

### pattern\_angle

Categorical

Distinct	2
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	7.4 KiB



More details

### step\_strip

Real number ( $\mathbb{R}$ )

Distinct	935	Minimum	1.5252299
Distinct (%)	100.0%	Maximum	13.378772
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	6.9527022	Memory size	3.8 KiB

More details

### density\_strip

Real number ( $\mathbb{R}$ )

Distinct	935	Minimum	29.74585
Distinct (%)	100.0%	Maximum	86.012428
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%

Infinite	0
Infinite (%)	0.0%
Mean	57.445666

Negative	0
Negative (%)	0.0%
Memory size	3.8 KiB

[More details](#)

ratio\_filler\_matrix

Real number ( $\mathbb{R}$ )

Distinct	935
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.9238492

Minimum	0.547391
Maximum	5.3141437
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	3.8 KiB

[More details](#)

density

Real number ( $\mathbb{R}$ )

Distinct	935
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	1973.6107

Minimum	1784.4823
Maximum	2160.7515
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	3.8 KiB

[More details](#)

elasticity\_module

Real number ( $\mathbb{R}$ )

Distinct	935
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	744.06119

Minimum	53.582279
Maximum	1615.0969
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	3.8 KiB

[More details](#)

number\_hardeners

Real number ( $\mathbb{R}$ )

Distinct	935
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	110.32941

Minimum	35.599697
Maximum	181.82845
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	3.8 KiB

[More details](#)

content\_epoxy\_groups

Real number ( $\mathbb{R}$ )

Distinct	935	Minimum	16.048979
Distinct (%)	100.0%	Maximum	28.955095
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	22.268169	Memory size	3.8 KiB

[More details](#)

flash\_temperature

Real number ( $\mathbb{R}$ )

Distinct	934	Minimum	186.50861
Distinct (%)	99.9%	Maximum	386.06799
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	285.81655	Memory size	3.8 KiB

[More details](#)

surface\_density

Real number ( $\mathbb{R}$ )

Distinct	935	Minimum	6.7792554
Distinct (%)	100.0%	Maximum	1291.3401
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	484.32814	Memory size	3.8 KiB

[More details](#)

elasticity\_module\_stretching

Real number ( $\mathbb{R}$ )

Distinct	935	Minimum	66.05275
Distinct (%)	100.0%	Maximum	80.970963
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	73.314498	Memory size	3.8 KiB

[More details](#)

strapery\_strength

Real number ( $\mathbb{R}$ )

<b>Distinct</b>	935	<b>Minimum</b>	1337.4247
<b>Distinct (%)</b>	100.0%	<b>Maximum</b>	3579.2656
<b>Missing</b>	0	<b>Zeros</b>	0
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	0.0%
<b>Infinite</b>	0	<b>Negative</b>	0
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	0.0%
<b>Mean</b>	2457.6885	<b>Memory size</b>	3.8 KiB

More details

resin\_consumption

Real number ( $\mathbb{R}$ )

<b>Distinct</b>	935	<b>Minimum</b>	82.58316
<b>Distinct (%)</b>	100.0%	<b>Maximum</b>	359.05222
<b>Missing</b>	0	<b>Zeros</b>	0
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	0.0%
<b>Infinite</b>	0	<b>Negative</b>	0
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	0.0%
<b>Mean</b>	218.22832	<b>Memory size</b>	3.8 KiB

More details

## Interactions

<div>step_strip</div> <div>density_strip</div> <div>ratio_filler_matrix</div> <div>density</div> <div>elasticity_module</div> <div>number_hardeners</div> <div>content_epoxy_group:</div> <div>flash_temperature</div> <div>surface_density</div> <div>elasticity_module_stre</div> <div>strapery_strength</div> <div>resin_consumption</div>	<div>resin_consumption</div> <div>step_strip</div> <div>density_strip</div> <div>ratio_filler_matrix</div> <div>density</div> <div>elasticity_module</div> <div>number_hardeners</div> <div>content_epoxy_group:</div> <div>flash_temperature</div> <div>surface_density</div> <div>elasticity_module_stre</div> <div>strapery_strength</div>
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## Correlations

Auto

Heatmap

Table

# Missing values

CountMatrix

A simple visualization of nullity by column.

## Sample

First rowsLast rows

	pattern_angle	step_strip	density_strip	ratio_filler_matrix	density	elasticity_module	number_hardeners	content_epoxy_groups	flash_tempe
0	0	7.856166	64.301964	2.587348	1953.274902	1136.596191	137.627426	22.344534	234.716888
1	0	6.675780	78.623299	2.046471	2037.631836	707.570862	101.617249	23.146393	312.307220
2	0	7.526398	38.176975	1.856476	2018.220337	836.294373	135.401703	26.435514	327.510376
3	0	8.325699	46.045429	3.305535	1917.907471	478.286255	105.786926	17.874100	328.154572
4	0	7.656211	33.571022	2.709554	1892.071167	641.052551	96.563293	22.989290	262.956726
5	0	10.302945	39.234280	2.282825	2008.357544	393.967316	149.372833	21.661751	330.498627
6	0	8.946891	72.084595	1.978140	1973.629150	991.724121	149.372131	19.750578	232.058197
7	0	3.746625	57.997772	1.771436	1872.491577	801.033875	79.794548	22.296303	340.736908
8	0	9.094363	44.801601	3.277087	2010.046997	339.550415	67.498993	24.280609	254.949081
9	0	6.303773	72.152016	2.984362	1912.315430	1183.091797	133.548996	23.263796	314.996124