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GreasePencilOpacityModifier(Modifier)

base classes — [bpy_struct](#), [Modifier](#)

class bpy.types.GreasePencilOpacityModifier(Modifier)

color_factor

Factor of opacity

TYPE:

float in [-inf, inf], default 1.0

color_mode

Attributes to modify

- `BOTH` Stroke & Fill – Modify fill and stroke colors.
- `STROKE` Stroke – Modify stroke color only.
- `FILL` Fill – Modify fill color only.
- `HARDNESS` Hardness – Modify stroke hardness.

TYPE:

enum in ['BOTH', 'STROKE', 'FILL', 'HARDNESS'], default 'BOTH'

custom_curve

Custom curve to apply effect

TYPE:

[CurveMapping](#), (readonly)

hardness_factor

Factor of stroke hardness

TYPE:

float in [0, inf], default 1.0

invert_layer_filter

Invert layer filter

TYPE:

boolean, default False

invert_layer_pass_filter

Invert layer pass filter

TYPE:

boolean, default False

invert_material_filter

Invert material filter

TYPE:

boolean, default False

invert_material_pass_filter

Invert material pass filter

TYPE:

boolean, default False

invert_vertex_group

Invert vertex group weights

TYPE:

boolean, default False

layer_filter

Layer name

TYPE:

string, default "", (never None)

layer_pass_filter

Layer pass filter

TYPE:

int in [0, 100], default 0

material_filter

Material used for filtering

TYPE:

[Material](#)

material_pass_filter

Material pass

TYPE:

int in [0, 100], default 0

open_influence_panel

TYPE:

boolean, default False

use_custom_curve

Use a custom curve to define a factor along the strokes

TYPE:

boolean, default False

use_layer_pass_filter

Use layer pass filter

TYPE:

boolean, default False

use_material_pass_filter

Use material pass filter

TYPE:

boolean, default False

use_uniform_opacity

Replace the stroke opacity instead of modulating each point

TYPE:

TYPE:

boolean, default False

use_weight_as_factor

Use vertex group weight as factor instead of influence

TYPE:

boolean, default False

vertex_group_name

Vertex group name for modulating the deform

TYPE:

string, default "", (never None)

classmethod bl_rna_get_subclass(id, default=None)**PARAMETERS:**

id (*str*) – The RNA type identifier.

RETURNS:

The RNA type or default when not found.

RETURN TYPE:

`bpy.types.Struct` subclass

classmethod bl_rna_get_subclass_py(id, default=None)**PARAMETERS:**

id (*str*) – The RNA type identifier.

RETURNS:

The class or default when not found.

RETURN TYPE:

type

Inherited Properties

- `bpy_struct.id_data`
- `Modifier.name`
- `Modifier.type`
- `Modifier.show_viewport`
- `Modifier.show_render`
- `Modifier.show_in_editmode`
- `Modifier.show_on_cage`
- `Modifier.show_expanded`
- `Modifier.is_active`
- `Modifier.use_pin_to_last`
- `Modifier.is_override_data`
- `Modifier.use_apply_on_spline`
- `Modifier.execution_time`
- `Modifier.persistent_uid`

Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.keyframe_delete`
- `bpy_struct.keyframe_insert`
- `bpy_struct.keys`
- `bpy_struct.path_from_id`
- `bpy_struct.path_resolve`
- `bpy_struct.pop`
- `bpy_struct.property_overridable_library_set`

• bpy_struct.is_property_hidden

• bpy_struct.is_property_overridable_library

• bpy_struct.is_property_readonly

• bpy_struct.is_property_set

• bpy_struct.items

• bpy_struct.property_unset

• bpy_struct.type_recast

• bpy_struct.values

• Modifier.bl_rna_get_subclass

• Modifier.bl_rna_get_subclass_py

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