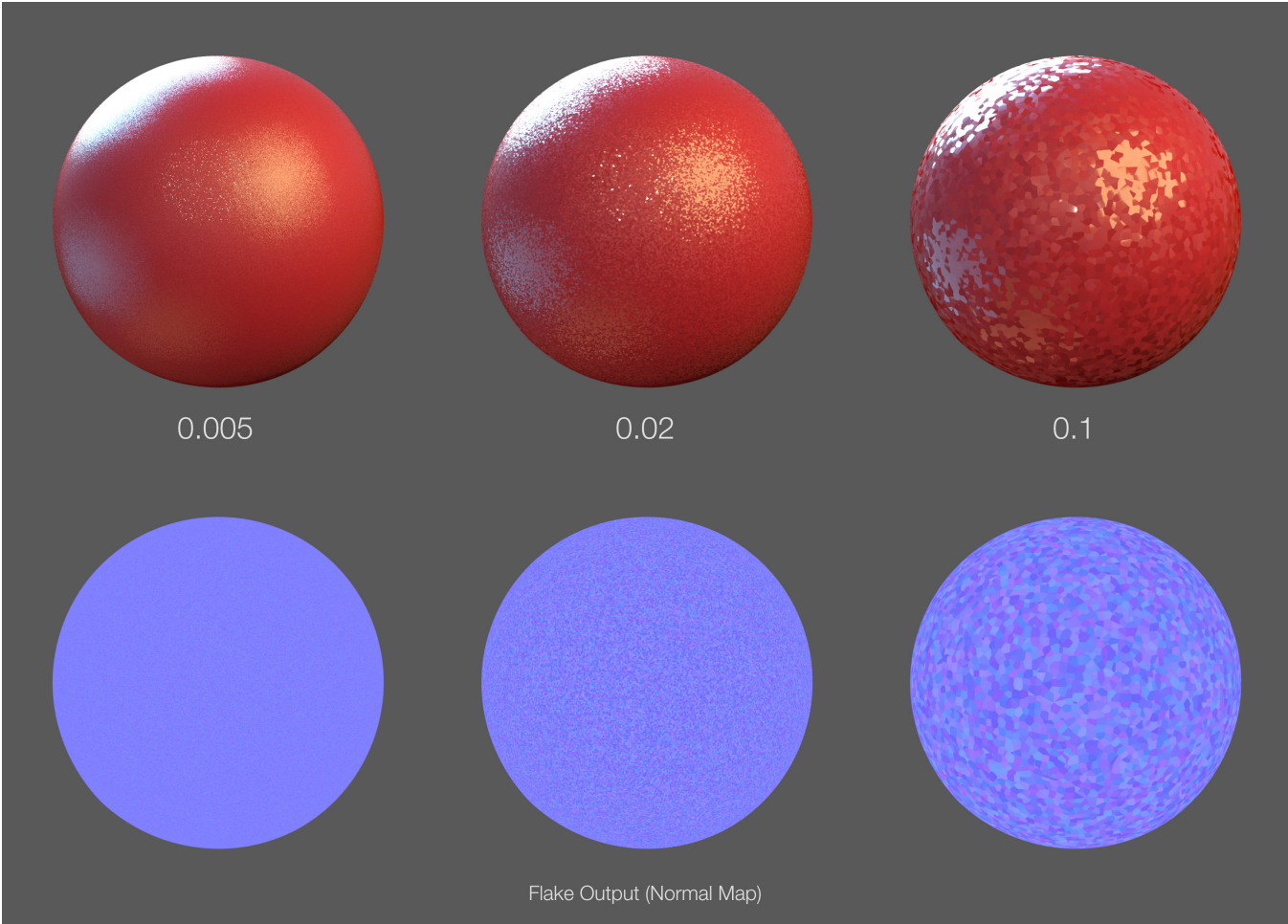


# Flakes

This 3D texture shader generates random *flakes* in tangent space, meant to be used as a normal map. This pattern is also used in *Car Paint* to generate micro-shading details .

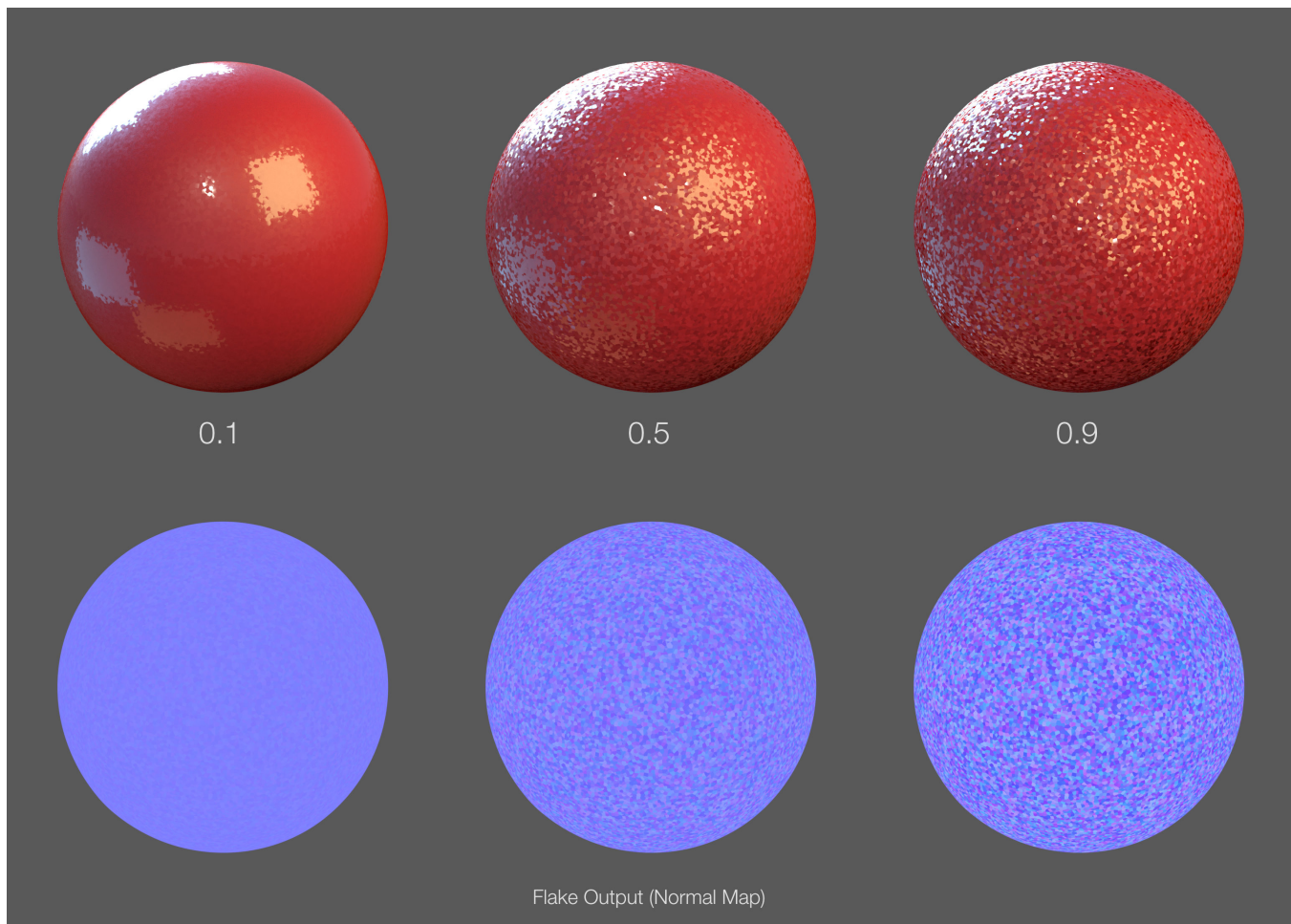
## Scale

Defines the size of the flakes.



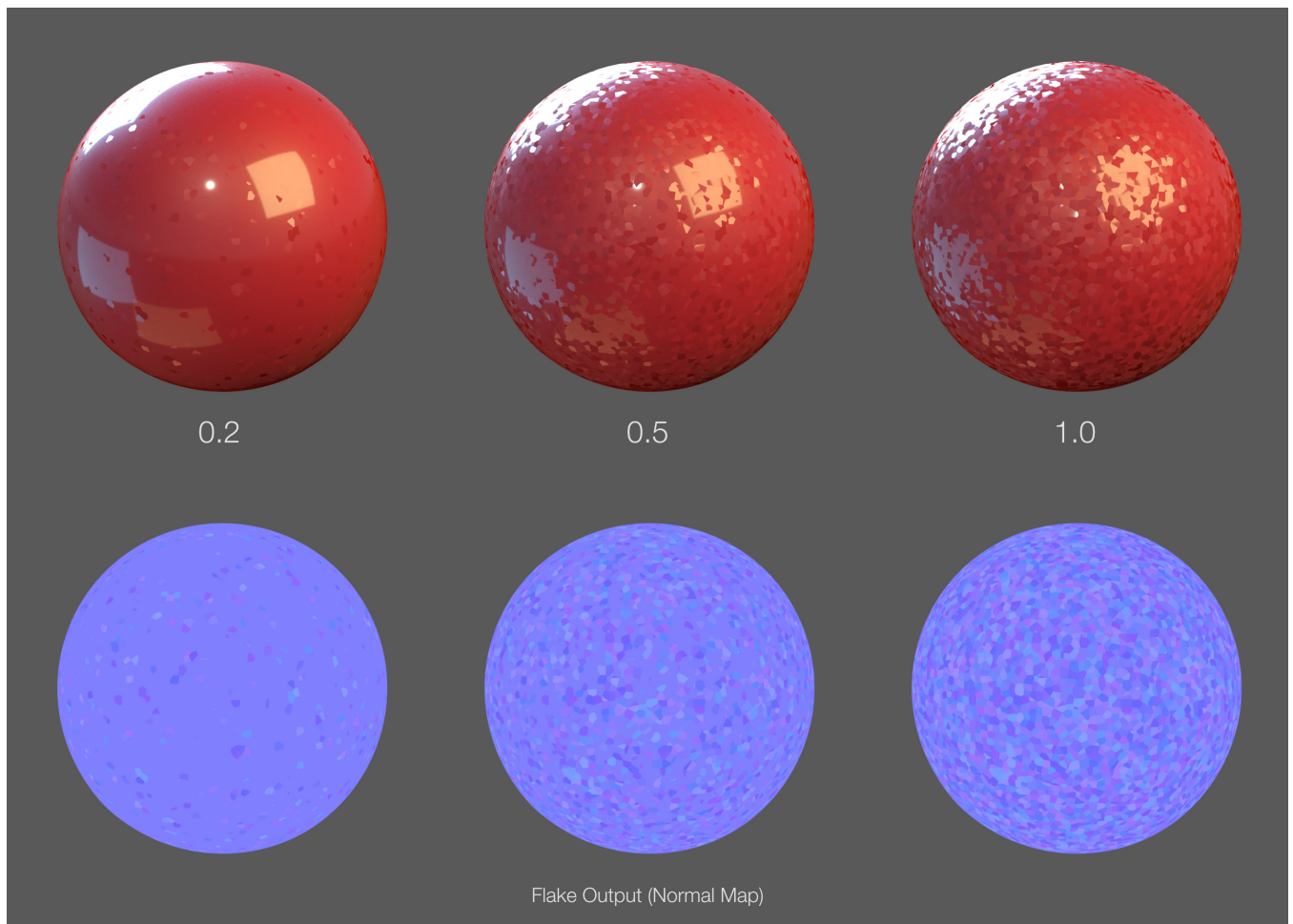
## Randomness

How randomly distributed are the scales.



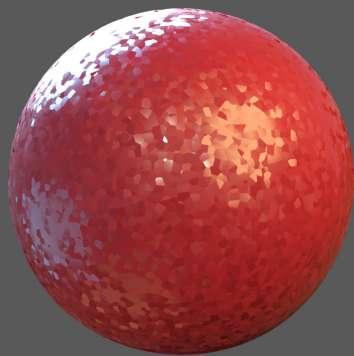
### Density

Defines the proportion of the plane covered by flakes. A 0.5 density means that 50% of the surface is covered by flakes, the other 50% produces no flakes (a vector 0.5 0.5 1.0, in tangent space it has no effect ).

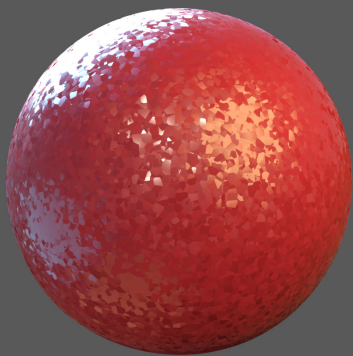


### Layers

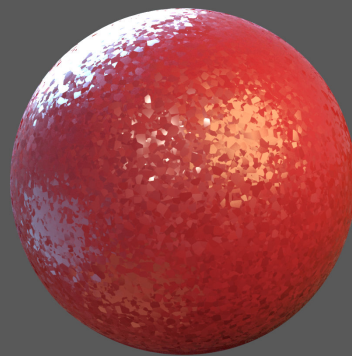
On how many layers are the flakes distributed. Top layers hide bottom layers.



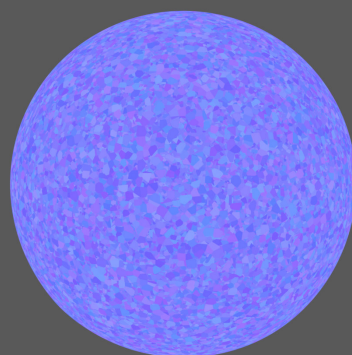
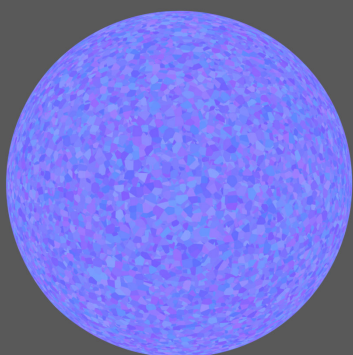
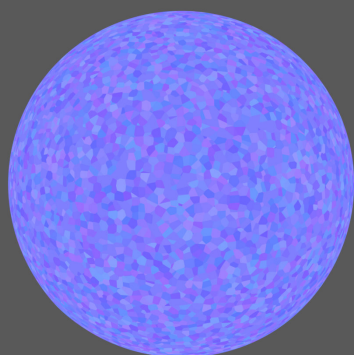
1



3



5



Flake Output (Normal Map)