

# Reverse Engineering Technology

**Coating reverse engineering:**

The process of analyzing a finished coating to **determine its composition, structure, and physical properties**, typically to replicate, improve, or understand a competitor's product, or to troubleshoot production issues by identifying deviations from the intended design. This process involves deconstructing the coating's formulation, identifying its layers (including their thicknesses and optical constants), and understanding the underlying chemical and physical principles.

Ingredients separation	Optical	Composition & Element
Crystalline	Thermal	Particle size
Molecular weight		