

General Description

MODAFLOW® Powder 6000 resin modifier developed to control surface defects in powder coating systems. MODAFLOW® Powder 6000 performs well in all typical thermoset powder coating chemistries. The addition of MODAFLOW® Powder 6000 can significantly improve the surface properties of unmodified resins to:

- Improved flow and leveling
- Reduced pinholes, fish-eyes, craters, and orange peel
- Broaden cross-compatibility between powder formulations

Optimum concentrations for a specific formulation should be determined by incremental addition. In general, MODAFLOW® Powder 6000 use levels vary between 0.75 – 1.5 parts per hundred resin.

Product Specification

	Limits
Appearance	Free flowing white powder
Activity (%)	Approx. 65
Volatile Loss (%)	Max. 4

Other Properties

	Typical value
Bulk Density (g/cm ³ - lb./gal.)	0.58 - 0.64 (4.85 - 5.35)

Useful Information

MODAFLOW® Powder 6000 is composed of materials regulated by the U.S. Food and Drug Administration (FDA) for indirect food contact applications under several parts of Title 21, Code of Federal Regulations. Details on specific coverage are available upon request. MODAFLOW® Powder 6000 contains no silicone.

Storage/ Shelf Stability

Environments of high heat and humidity should be avoided; ideal storage temperature is between 4°C and 38 °C; the shelf life is typically at least 4 years.

Safety & Environmental Protection

For more information, please refer to the Material Safety Data Sheet.

July 2020 – Supersedes previous versions