MODAFLOW® Powder 6000

Technical Datasheet

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/cm³ - lb./gal.)	**0.58 - 0.64 (4.85 - 5.35)**

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.

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