



Moisture & Coat Weight in Hydrocarbon Coatings

Hydrocarbon coatings have multiple uses including affordable protection from severe temperature fluctuations, corrosive and high load/high stress environments, reducing friction, increasing thermal stability, increase wear life of parts and products, provide corrosion resistance and gives coatings durability, enhance adhesion & dry time.

MoistTech utilizes near-infrared (NIR) technology that allows for a non-contact solution to provide accurate moisture content readings. Insensitive to material variations such as particle size, material height & color, the sensors provide a continuous, reliable reading with zero drift and no maintenance. There is a one-time calibration with a non-drift optical design allowing operational personnel to make immediate line adjustments based on real-time measurements.

Hydrocarbon resins are used in paints and resins, stains and protectants in wood, two component epoxies, marine coatings, pipe and metal coatings, within paper coating production, fireproofing and heat production. Hydrocarbon coatings are applied to parts, components and virtually anything where the goal is to offer protection from heat, combustion, rust, abrasion, chipping, corrosion and friction or to extend the durability, decrease dry-time, prevent chipping or peeling, offer protection from UV rays, waterproof, or provide an impenetrable layer.

INSTALL

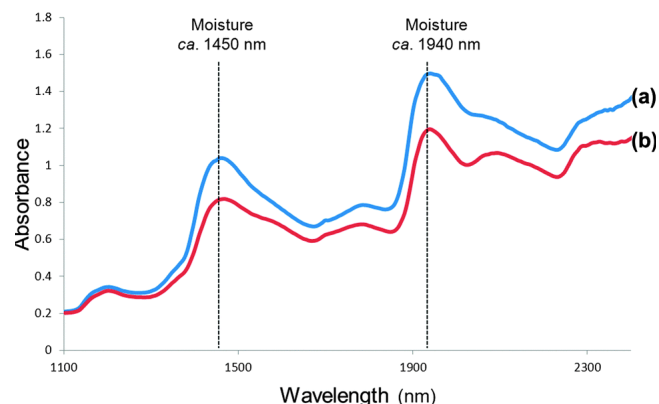
The on-line sensors can be installed into any hopper, silo, material line, belt or screw conveyor and the moisture results are displayed onto an external display or PC.

Installing a moisture measurement and control system prevents bad product due to undesirable moisture levels. Fine tuning the setup and process of the manufacturing line allows for instant improvements both in the product and in the efficiency in which it is produced.

IMMEDIATE BENEFITS:

- Improved Product Quality
- Lower Waste & Energy Costs
- Process Optimization
- Increased Plant Efficiency
- Dryer Control
- Reduced Downtime

An ideal moisture control system accurately detects the moisture levels at different stages of the process, is easily maintained and has the ability to withstand even the harshest of manufacturing conditions. The IR-3000 series of sensors manufactured by MoistTech are specifically designed to be unaffected by ambient light or material variations to be able to provide continuous, repeatable, accurate readings to improve the manufacturing line and product.



“The addition of the MoistTech IR3000 has provided me with the ability to control our process by instantly increasing or decreasing material flow into the dryer. Prior to the MoistTech technology proved to be a guessing game and time consuming!”