

# ALTIRIS® 550 PIGMENT PRODUCT DATA SHEET

## Long Live Color!

Huntsman's ALTIRIS® infrared reflecting pigments for colored exterior coatings and polymer systems can give a wide range of colors the power to reflect solar energy. It's a smart new technology designed to transform the world of exterior colored systems.

Delivering high solar reflectance means ALTIRIS® pigments can help to improve the performance of your system. Weathering tests using ALTIRIS® pigments have already shown exceptional performance across a spectrum of color formulations in the most durable systems.

## Typical properties

This table includes the typical properties of this pigment. It is not a specification, although specifications are available.

PROPERTY	ANALYSIS
Purity (TiO <sub>2</sub> )	> 93.0 %
Crystal Form	Rutile > 99.0 %
Bulk Density	1.3g/cm <sup>3</sup>
Al <sub>2</sub> O <sub>3</sub>	1.0 – 3.0 %
SiO <sub>2</sub>	2.0 – 4.0 %
CONEG + As + Sb + Zn	< 100 ppm
Water Demand	26ml/100g
Oil Absorption	19g/100g

No Carbon treatment is added

 **altiris**®  
infrared reflecting pigments

# 550

Huntsman does not recommend any of its titanium dioxide pigments for use in lead-stabilized, rigid PVC formulations.

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This leaflet is a general guide to the properties of ALTIRIS® 550 pigment. More detailed information about ALTIRIS® 550 pigment is available from Huntsman Pigments.

#### SAFETY,

As for all fine powders, the handling of titanium dioxide pigments can give rise to airborne dust. Good industrial hygiene practice should be observed so as to avoid the generation and subsequent inhalation of dust. For more information refer to our material safety data sheet.

#### FOOD CONTACT

The subject is too wide to be adequately covered here and customers should seek confirmation of compliance for each of the particular regulations they are interested in by contacting Huntsman Pigments.

#### STORAGE

The pigment should not be stored in outside areas exposed to the weather. All direct contact with moisture should be avoided. By storing the pigment correctly, its properties should not deteriorate with time. However to ensure optimum performance, it is recommended that the product is used on a first in, first out basis from receipt of shipment.

#### PACKAGING

Huntsman's ALTIRIS® infrared reflecting pigments are available in 25kg bags and a range of flexible intermediate bulk containers.

To find out more, please contact

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This leaflet is a general guide to the properties of the products described in it. Information is updated regularly. To check whether this is the most recent information, or if you would like more information, you can find contact details on [www.huntsman.com/pigments](http://www.huntsman.com/pigments). Huntsman does not recommend any of its titanium dioxide pigments for use in lead-stabilized, rigid PVC formulations. Information is given in good faith but we do not guarantee the accuracy or completeness of the information. NOTHING IN THIS LEAFLET IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE. IN ALL CASES IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF THE INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF THE PRODUCTS DESCRIBED FOR ITS OWN PARTICULAR PURPOSE. Unless otherwise agreed in writing, all sales of products referred to in this publication are subject to the general terms and conditions of sale of Huntsman International LLC or its affiliated companies. ALTIRIS® is a registered trade mark of Huntsman Corporation or an affiliate thereof in one or more, but not all, countries. © 2013 Huntsman Corporation.

Feb 2013 550 data v3



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