

**HUNTSMAN**

Enriching lives through innovation

# Infrared reflection for vinyl siding

 **altiris**<sup>®</sup>  
infrared reflecting pigments

## Decreasing heat build-up for vinyl siding

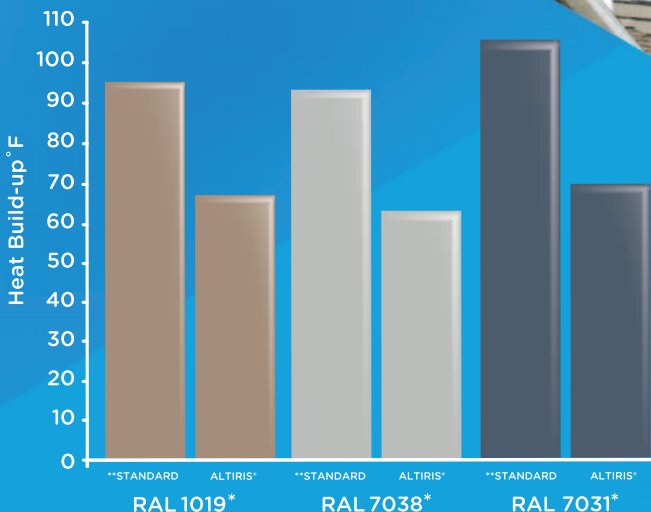
ALTIRIS® infrared reflecting pigments can reduce heat build-up for a wide range of colored vinyl siding. Reducing heat build-up keeps surfaces cooler and can help to reduce the damage caused by temperature cycling.

ALTIRIS® pigments can be used in single extrusions or colored capstocks to reduce heat build-up for bright, vibrant and dark colors.

ALTIRIS® 800 pigment offers a combination of high infrared reflection and low tint reduction making it suitable for use in dark colors. ALTIRIS® 550 pigment also brings high infrared reflection combined with moderate tint reduction for excellent results in medium shade colors.

Using ALTIRIS® pigments can also help reduce colored pigment loading in some formulations helping to lower costs while reducing critical heat build-up levels.

Huntsman has optimized the heat build-up for RAL colors using ALTIRIS® pigments (see graph).



\* Actual plaques similar to RAL color quoted, thicknesses approx 100 microns, measurements taken using Cary 5000 spectrophotometer

\*\* Standard coating containing TIOXIDE® pigment and colored pigment - formulations available on request

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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. © 2012 Huntsman Corporation.

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