

HIRITM II Low Color Concentrate Resin



– Supplemental Product Bulletin

Last Revised April 20, 2006

Introduction:

HIRI II Low Color Resin is produced from the combination of **HIRI II resin** with Low Color Concentrate.

Health and Safety:

Always read the HIRI II Low Color Concentrate resin MSDS (product ID # 0382) and product label. Follow all instructions when handling this product.

Storage and Handling:

To safeguard the quality of **HIRI II LC resin**, keep the product stored in its original, unopened container out of direct sunlight.

Shelf Life:

HIRI II LC resin should be used within 12 months from the date of production at PPG as printed on the barcode label.

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Processing:

The casting of **HIRI II** Low Color Resin requires the addition, by the caster, of the **HIRI II** Low Color Concentrate (LCC) resin to the base resin. The concentrate is currently supplied in 1 pint bottles.

- The 1 pint bottle containing the **HIRI II** LCC resin should first be treated in an ultrasonic bath for 30 minutes to ensure that it is well mixed.
- As a suggested starting point, 36.7 g. of LCC should be added per each 20,000 g. of **HIRI II** resin. (1,835 ppm of LCC) The optimal amount needed may vary depending upon individual process parameters.
- After addition of the concentrate, the resin can be initiated and processed as usual.

In some cases, it may be necessary to alter filtration procedures, as portions of the LCC may be removed by the filter and adversely affect the final results.

Typical Polymer Property Comparison:

<u>Property</u>	<u>Regular Resin</u>	<u>Low Color Resin</u>
Yellowness Index	2.1	-1.3
% Transmission	91.4	88.3
% Haze	0.3	1.7

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Samples and Services:

For additional information, please contact a PPG customer service representative at:

- Phone: **1-800-323-2487**
- Fax: **724-325-5042**

or: [send E-Mail](#)

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