

# Plastics Technology

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THE ONLY MAGAZINE FOR PLASTICS PROCESSORS

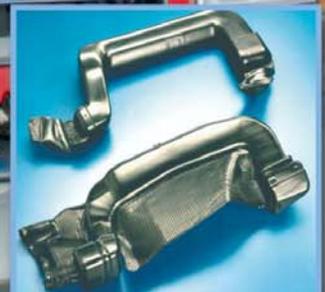
## Film Insert Decorating



Thermoforming Goes  
Paint-Free, Too p. 52



Garbage In, Good  
Plastics Out p. 54



Time Is Right for 3D  
Blow Molding p. 29

Chrome-look bumper—  
without the chrome

Get Finished Parts  
Right Out of the Mold

## Introducing the industry's first ever "chrome-like" non-metal bumper

Hendrickson, the acknowledged leader in the supply of high quality bumpers to the commercial industry, has now designed and developed a non-metal styled bumper.

- One piece design to replace your old three piece bumper
- Brilliant "chrome-like" mirror finish
- Engineered thermoplastic matrix for high impact resistance and durability
- Easy installation to factory mounts
- Minimal mounting hardware
- Lightweight

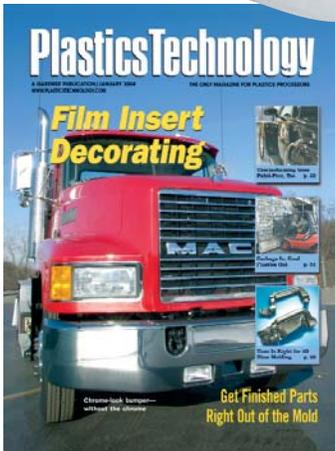
### AN EXCERPT FROM AN ARTICLE IN *PLASTICS TECHNOLOGY*

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#### ALTERNATIVES TO CHROME



Soliant's new Fluorex Bright film made its debut on a thermoformed Class A bumper fascia for the aftermarket of Class 5 to 8 trucks. The ABS bumper with chrome luster film is made by Hendrickson International. It uses more than 20 sq ft of film and has deep draws requiring draw ratios of up to 50%. It's the first nonmetallic bright bumper of such a size, according to Hendrickson's director of marketing and engineering, Jeff Zawacki. He says the film cost is comparable to chrome plating, although the latter would not be feasible for a part this size. (Only much smaller ABS bumpers have been chrome plated.) Launched last July, the Hendrickson AERO BRIGHT bumper meets OEM specifications such as 500-hr salt spray, gravelometer, and weatherometer testing, according to Zawacki. He said the driving force was to come up with an alternative to chrome plating that is environmentally friendly and provides a mirror finish that will not chip or peel. He adds that bright-film thermoforming can be adapted to several other components, including grille surrounds, sun visors, mirror housings, and headlight bezels.



For further information, contact Hendrickson Stamping Customer Service Department at 1-800-356-6737.

Visit [www.hendrickson-intl.com](http://www.hendrickson-intl.com).



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