



## Think Green.



The sustainable benefits of specifying ARCEL® advanced foam resin for your products.

*RADVA Corporation recycles ARCEL resin*

### **RADVA Corporation thinks green**

RADVA Corporation currently recycles ARCEL advanced foam resin and other materials recognized by SPI as resin identification code #6 to produce new, sustainable foam products, such as protective packaging, molded shapes, displays, trays and containers. RADVA products can be made with up to 35% recycled ARCEL resin, minimizing the consumption of natural resources and reducing the contribution to landfills.

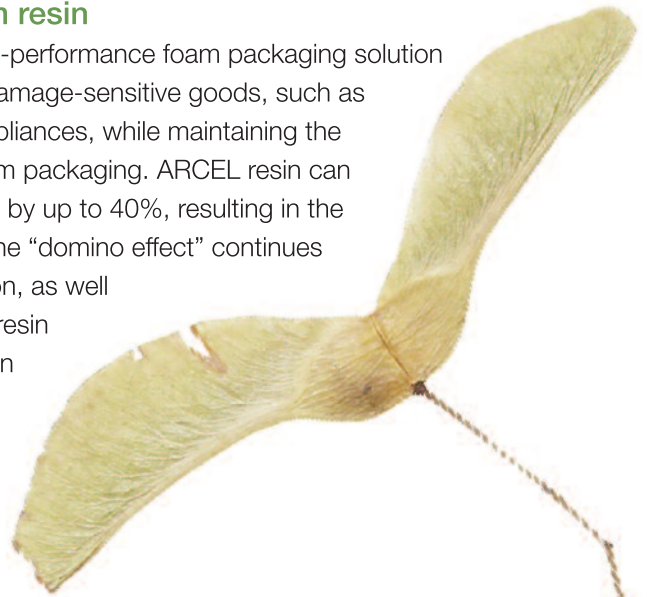
There are two ways to minimize landfill use: source reduction and recycling. RADVA is keenly aware of the responsibility of protecting our environment. RADVA products are manufactured from ARCEL resin, EPS and other engineered cellular foams that are 100 percent recyclable. These products also contribute to source reduction because their light weight reduces package volume. Moreover, these products reduce solid waste by serving as top-notch protection during shipping and handling—preventing damage to thousands of products that would otherwise wind up in landfills. In addition, the production of foam resins requires less energy than what's needed to produce comparable cushioning products.

RADVA prides itself on producing the quickest, most cost-effective tools and molds for its customers. By recycling ARCEL resin, RADVA products provide sustainable solutions as they minimize landfill use through source reduction and recycling.

### **About ARCEL advanced foam resin**

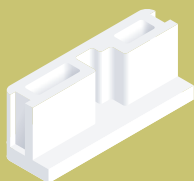
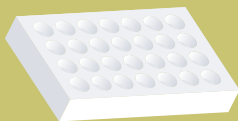
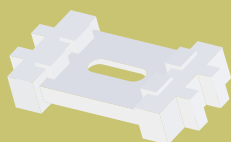
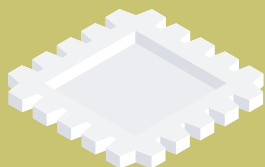
ARCEL advanced foam resin is a high-performance foam packaging solution that provides superb cushioning for damage-sensitive goods, such as flat-panel televisions, furniture and appliances, while maintaining the protective properties of traditional foam packaging. ARCEL resin can reduce the packaging of your product by up to 40%, resulting in the increase of units per truck or pallet. The “domino effect” continues in the reduction of energy consumption, as well as in fuel and gas emissions. ARCEL resin can be recycled at RADVA Corporation or at a recycling facility near you.

Visit [www.epspackaging.org](http://www.epspackaging.org) to learn more.



#### **This Recycling**

Spotlight is one in a series demonstrating how ARCEL resin enables molders and manufacturers to address their sustainability concerns. ARCEL resin is a sustainable foam packaging solution that reduces package size and environmental footprint while providing superb packaging properties.



## The RADVA recycling process

Upon receiving post-consumer waste at the recycling center in Radford, Virginia, RADVA Corporation sorts the clean, approved foam into specific categories. Once it is ground and granulated, meter and mixing units determine the percentage of recycled material that will be used to produce new products. It is then molded into new products and finished goods, such as packaging foam, insulated containers, wine bottle shippers, and custom shapes and forms. RADVA products can be made with up to 35% recycled ARCEL resin. This recycling process enables ARCEL resin to extend its life beyond its original form, helping you to achieve your sustainability goals.



## How can you recycle ARCEL resin?

RADVA Corporation serves as a recycling drop-off facility for ARCEL resin and other materials recognized by SPI as resin identification code #6. Please call 1.800.35.RADVA to arrange for your materials to be recycled. To learn more about RADVA Corporation, visit [www.radva.com](http://www.radva.com).

In addition, some members of the Alliance of Foam Packaging Recyclers in North America are capable of recycling ARCEL resin. Visit [www.epspackaging.org](http://www.epspackaging.org) or call 1.410.451.8340 for information on recycling locations that accept ARCEL packaging, recycling equipment and other recycling matters.

## Did you know?

Recycled ARCEL resin can be ground and combined with virgin ARCEL resin, as well as ground and combined with other recycled EPS, virgin EPS and solid polystyrene.

**U.S. Operating Center**  
NOVA Chemicals Inc.  
1550 Coraopolis Heights Road  
Moon Township, PA 15108 USA  
412.490.4979  
412.490.4325 fax

**Asian Operating Center**  
NOVA Chemicals International S.A.  
288 West Nanjing Road  
Suite 2304  
Chong Hing Finance Center  
Shanghai 200003 China  
86.21.3366.3737  
86.21.3366.3424 fax

**INEOS NOVA International S.A.**  
*Exclusive distributor of ARCEL resin in Europe*  
Avenue de la Gare 12  
1700 Fribourg, Switzerland  
41.26.426.5656  
41.26.426.5657 fax

 **NOVA Chemicals**® is a registered trademark of NOVA Brands Ltd.

ARCEL® is a registered trademark of NOVA Chemicals Inc.

ARCEL is a trademark of NOVA Chemicals Inc.

[www.arcelresins.com](http://www.arcelresins.com)    [www.novachemicals.com](http://www.novachemicals.com)    [arcel@novachem.com](mailto:arcel@novachem.com)    [www.radva.com](http://www.radva.com)

The information contained herein is provided for general reference purposes only. By providing the information contained herein, NOVA Chemicals Inc. makes no guarantee or warranty and does not assume any liability, with respect to the accuracy or completeness of such information, or product results in any specific instance, and hereby expressly disclaims any implied warranties of merchantability or fitness for a particular purpose or any other warranties or representations whatsoever, expressed or implied. Nothing contained herein shall be construed as a license to use the products of NOVA Chemicals Inc. in any manner that would infringe any patent. Nothing herein shall be copied, reproduced, distributed or otherwise used without the express written permission of NOVA Chemicals.

