



# Sustainable solutions for protective packaging foams

In today's e-commerce universe, more and more packaged products are subjected to handling, vibration, and shock during transportation. Reliable protection is mandatory. Protective foams have long been a go-to option. Just as Dow is a go-to supplier of resins for efficient polyethylene foams.

Dow's portfolio of LDPE products – including AGILITY™ Performance LDPE Resins – offers strong options for use in polyethylene foams for protective packaging. Of special interest are [DOW™ LDPE 450E](#) and our newest offering, [AGILITY™ EC 7030](#), which demonstrate higher melt strength compared to competing resins\* for better processability, excellent mechanical and impact properties for product protection, and uniform fine cell structure for good compression strength.



packaging solutions by



POLYETHYLENE FOR YOUR FILM APPLICATIONS

RESINS & RESOURCES FOR INDUSTRIAL & CONSUMER FILMS

Dow is the world's leading supplier of polyethylene resins for the packaging industry. What's that to you? For those in the Industrial & Consumer Films marketplace, it means a lot. An expansive portfolio of products. Teams of experienced specialists. Uncommon support services. It all starts here.

DISCOVER HOW DOW RESINS ARE HELPING TO MOVE PRODUCTS MORE SAFELY AND SUSTAINABLY.

A circular journey of the total pallet.

- PCR FILMS
- PALLETIZATION
- SHRINK FILMS
- PROTECTIVE PACKAGING
- HEAVY-DUTY SHIPPING SACKS
- CONTAINERS
- OVERWRAP FILMS
- AGRICULTURAL FILMS

Protective foams are a mainstay of the e-commerce industry, and Dow is proud to offer options for PE-based foams. But there's much more. Learn about Dow's many other resources for e-commerce applications [here](#) – including how packages can be shipped more sustainably, with all-PE, recyclable materials.

®™Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

\*Data per Dow testing. Typical values, not to be construed as specifications. Users should confirm results with their own tests.

For more information about Dow, visit [www.dow.com/about](http://www.dow.com/about). To contact a Dow representative, visit, [www.dow.com/contact](http://www.dow.com/contact).

---

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

THIS INFORMATION IS OFFERED IN GOOD FAITH FOR YOUR CONSIDERATION, BUT WITHOUT GUARANTEE OR WARRANTY (EXPRESS OR IMPLIED), AS ANALYTICAL CONDITIONS AND METHODS OF USE OF THE INFORMATION AND MATERIALS DESCRIBED HEREIN MAY VARY AND ARE OUT OF DOW'S CONTROL. ALTHOUGH THIS INFORMATION IS BASED ON DATA DOW BELIEVES TO BE RELIABLE AND ACCURATE, WE DO NOT INTEND FOR YOU TO USE, AND YOU THEREFORE SHOULD NOT CONSTRUCE, THE CONTENTS OF THIS DOCUMENT AS BUSINESS, TECHNICAL OR ANY OTHER FORM OF ADVICE. WE RECOMMEND YOU DETERMINE THE SUITABILITY OF THE INFORMATION AND MATERIALS DESCRIBED HEREIN BEFORE ADOPTING OR USING THEM ON A COMMERCIAL SCALE. DOW ASSUMES NO LIABILITY IN CONNECTION WITH THE USE OF THIS INFORMATION.

This document is intended for use in North America.  
© 2023 The Dow Chemical Company