

Dow Packaging and Specialty Plastics

Driving Sustainability in Plastics

Advancing a Circular Economy with Enhanced Recyclability





Dow's broad range of modifiers and compatibilizers help enable new applications from industrial and consumer packaging waste.

close resource loops in key markets.

At the same time, we are collaborating with the whole value chain to develop innovative solutions right from the design phase to enable easier recycling of packaging and contribute to zero waste.

Thanks to Dow's Pack Studios® capabilities and collaborative approach, we can decisively contribute to connect key contributors and accelerate the adoption of packaging solutions for the future.







Stress Crack Resistance



Compatibilization



Impact Modification



Viscosity Control









Unique portfolio for plastics recycling:

- Solutions for post-industrial and post-consumer flexible and rigid plastics waste
- Combining Dow® and DuPont™ expertise
- · Modifiers and compatibilizers

Ecodesign for recyclability:

- · Packaging re-design toolbox
- Structure simplification
- · Mono-material solutions

Driving innovation through Pack Studios®:

- Global network of compounding and packaging experts, equipment and testing capabilities.
- Connecting key contributors for cultivating packaging innovations.
- Accelerating commercialization of newly designed packaging solutions.

UNIQUE PORTFOLIO FOR MECHANICAL RECYCLING

Combining Dow's and DuPont's expertise, Dow can offer one of the broadest portfolios for mechanical recycling that comprises of a range of modifiers and compatibilizers for improved mechanical performance when recycling post-industrial and post-consumer flexible packaging waste.



Ultra-low density modifier for polyolefins.



Effective polyolefin impact modifiers, compatibilizers and coupling agents. Impact modifiers for polyamides.



GMA terpolymers are impact modifiers/compatibilizers for polyesters. CO terpolymers are permanent PVC plasticisers/impact modifiers.



Higher efficiency impact modifier for polyolefins and polyolefin blends.



Impact modifiers for PET and PP and viscosity modifiers for PET rich recycle streams.



PP compatibilizer for interlayer adhesion and morphology stability.



Impact modifier for polypropylene and polyethylene, maximizing impact resistance at low temperatures.



Compatibilizer for polyethylene films with polyamide and EVOH.



Enhances impact strength/mechanical properties in PP/PE recycling streams.



Impact modification of PA and compatibilization between PA and PE.

Contact a Dow representative today to learn more.

For more information please visit www.dowplastics.com.

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This document is intended for use in the EMEA region. Published May, 2018.

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