



lyondellbasell
Advancing Possible

Advancing Lightweight Vehicles – **SAVE10**



SAVE10

LyondellBasell's global *SAVE10* initiative enables OEMs and Tier suppliers to potentially save up to 10 kg (~22 lbs.) of vehicle weight by using innovative PP compounds and technologies to produce lighter weight parts.

Our proven solutions support our customers' efforts to:

- Decrease part and vehicle weight
- Increase productivity through excellent processability
- Lower overall component costs

Our materials help advance cleaner air with lighter weight, more fuel efficient vehicles.

We can help you achieve *SAVE10* through:

LyondellBasell is one of the largest plastics, chemicals and refining companies in the world. Found in nearly every sector of the economy, the products and materials produced by LyondellBasell are key to advancing solutions like improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road.

With a nearly 70-year legacy of game-changing innovation, LyondellBasell is the world's largest licensor of polyolefin and polypropylene technologies and sells products into approximately 100 countries.

KEY COMPANY FACTS

LEADING

#1 Global producer of **polypropylene** compounds

#2 Global producer of **polypropylene**

GLOBAL



Over 30 years of leadership and innovation in the automotive industry
Comprehensive global product portfolio and OEM approvals for the automotive industry

Global team coordination aligned by OEM and Tier suppliers
Global manufacturing sites with dedicated and experienced regional support



Density Reduction

Innovative low density materials designed with reduced filler content to meet or exceed material and part performance requirements.

Foaming of Parts

New PP compounds which facilitate homogeneous foam structure, critical property retention and superior surface aesthetics on the molded part.

Thin Walling Parts

Engineering high stiffness and high melt flow materials that allow for structural integrity and dimensional stability of injection molded components at reduced or optimized wall thickness.

Engineering Resin Replacement

Polyolefin compounds that exceed the mechanical performance, dimensional stability and weatherability of select engineering resins at a lower density while also offering better processability.

Metal Substitution

High performance light weight materials replace traditionally used metals and resins for Class A body panels with optimum rheology for large part molding.

Paint Elimination

Lower system costs and reduce weight by replacing traditional painted engineering resins with molded-in-color PP compounds offering metallic and décor effects. Soft touch Softell products enable interior soft touch paint replacement or skin/ foam component substitution.



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