INEOS Polyolefins, your partner in Automotive Fuel Tank Systems

INEOS Polyolefins: an historical and global leader in Automotive Fuel Tanks

As a result of its leading technologies, strong product development capability, willingness to create value and strong relationships with customers and end-users, INEOS Polyolefins is committed to serve the current and future needs of the Automotive Car Fuel Tank markets globally.

Eltex® and Rigidex® grades for Car Fuel Tank Systems

- INEOS Polyolefins HDPE resins for Car Fuel Tank Systems are produced on our slurry plants at Lillo (Belgium) and Houston (USA). Fuel Tanks usine INEOS Polyolefins HDPE resins have been used in vehicles made by most of the leading Car Manufacturers. They are industry reference resins for Automotive Fuel Tank manufacture, and offer a global solution to Car Fuel Tank OEM's.
  - Always supplied in easy-to-handle pellet form
  - Processing consistency is guaranteed; our reins are subject to stringent production controls, including pellet bulk density, HLMI, die swell, viscosity parameters and additive levels
  - The very low HLMI of our resins gives excellent wall thickness uniformity on both continuous and accumulator machines, as well as outstanding fuel tank mechanical properties
  - Suitable for co-extrusion with EVOH or polyamides
  - Suitable for monolayer user with barrier additives, and with in-line and off-line fuorination
  - Special "Super-Fluorination" grade for use with high performance in-line fluorination technology
  - Special conductive grades available for Automotive Fuel Tank filler pipes and other parts requiring anti-static performance

- INEOS Polyolefins HDPE rotomoulding resisn for automotive applications are made in our gas-phase plant at Lavéra (France). They are high-performance rotomoulding resins, available in pellet or ready-to-use powder form.

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Eltex® HDPE resins for Automotive Fuel Tank applications

Product Reference	MFR (2.16kg/190°C) (kg/m³)	Density (kg/m³)	Colour	Typical Applications
Test Method	ISO 1133	ISO 1872		
RSB714	4.2	946	Black	All types of automotive fuel tanks
RSB714N0060	4.2	946	Black	Automotive fuel tanks requiring high-performance in –line fluorination
LRB711	1.5	995[1]	Black	Automotive fuel tank filler pipes and other parts requiring conductive properties

[1] high carbon black content

Rigidex® HDPE Rotomoulding resins for Automotive applications

Product Reference	MFR (2.16kg/190°C) (kg/m³)	Density (kg/m³)	Colour	Typical Applications
Test Method	ISO 1133	ISO 1872		
HD3850UA HD3850UR	4.5	938	Natural	Automotive applications, available in pellet or ready-to-use powder
HD4330UA HD4330UR	3.0	943	Natural	Automotive applications requiring very high stiffness and creep resistance, available in pellet or ready-to-use powder

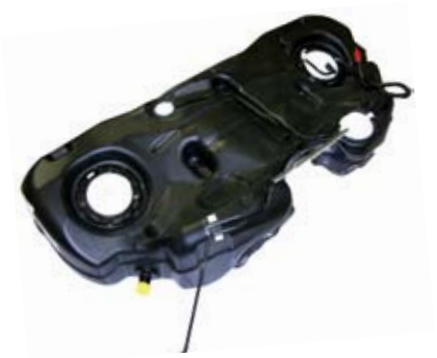
INEOS Polyolefins HDPE resins for North American Automotive Fuel Tank applications can be found at our Technical Services Online website:

http://www.techservice.innovene.com

Solutions to customers

The automotive market is global, highly competitive and rapidly changing. At INEOS Polyolefins we are aware of the pressures this brings, and we are working in partnership with OEM's to reduce cost and improve environmental performance.

We have extensive Research and Development facilities, and are actively engaged in new developments projects.



Automotive HD emission legislation evolution