

INEOS

Olefins & Polymers Europe

Your partner in

MILK PACKAGING



The **proven**
solution for a
bright future

www.ineospolyolefins.com

MILK PACKAGING

INEOS Olefins & Polymers Europe offers a full range of HDPE

Grades perfectly adapted to each type of milk and each type of BM machine (low/high output, wheel/shuttle concept).

INEOS O&P Europe offers

- **natural grades for fresh milk** and **sterilised** milk
- **white grades, ready-to-use**, for the production of 3-layer and 6-layer bottles providing a perfect light and oxygen barrier

We are the market leader since 40 years with natural HDPE grades for fresh or sterilised milk, and since 25 years with white HDPE grades for UHT milk packaging in coextruded bottles.

- Consistency of organoleptic properties is only reached by a deep knowledge and systematic control of relevant manufacturing conditions
- Organoleptic properties of Eltex® grades are quality controlled for each and every batch



Complete range of products

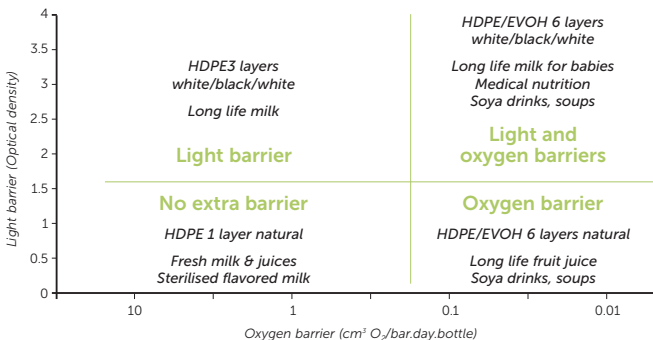
	MI g/10 min	Density kg/m ³	TiO ₂ %	
Rigidex® HD6007S	0.6	962	0	FRESH MILK
Eltex® B4020LGN1963	1.8	952	0	STERILISED MILK
Eltex® B4020LG/35	1.8		1	
Eltex® B4020LG/34	1.8		4.5	
Eltex® B2020LG/34	1.8		4.5	UHT MILK
Eltex® LGB163N2045	0.4		5	
Eltex® LGB263N2070	0.7		5	

The right bottle for the right product

Over the years, INEOS O&P Europe has been very reactive to the dairy products packaging trends such as bottle weight reduction, higher output of machines, higher barrier (light & oxygen), and shelf-life increase.

The packaging must be designed in such a way that it preserves the essential properties of the milk product, which are influenced by the light exposure and the oxidation. The graph below shows that HDPE bottles can be light barrier or oxygen barrier or both, therefore preserving the products which are light sensitive or oxygen sensitive or both.

Light and oxygen barriers



INEOS is one of the world's largest chemical companies. Founded in 1998, the company employs 15,000 people and has turnover of around 47 billion US Dollars.

www.ineos.com

INEOS Olefins & Polymers Europe is a business leading European producer of olefins and polyolefins.

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INEOS Olefins & Polymers Europe offers a full range of high valued polyolefins solutions for selected market applications including beverage caps, pipes, packaging, automotive, through a dedicated sales, marketing and technical team focused on these market segments.



INEOS is a safe and environmentally responsible company. We are engaged on developing our sustainable agenda to improve our operations and to implement sustainable solutions for our customers. This is mostly via products that offer lightweighting, energy efficiency, durability (extended lifetime) or conservation of resources. We care.

For further information please contact us at

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