

A hand is shown pouring milk from a white container into a clear glass. The background is a solid light blue color. The milk is captured in mid-pour, creating a dynamic sense of movement.

INEOS

Olefins & Polymers Europe

Your partner in

**MILK
PACKAGING**

The proven solution
for a bright future

INEOS



The safest and easiest solution for any kind of milk bottles, whether they are natural or white color, monolayer or multilayer with 3 or 6 layers

INEOS Olefins & Polymers Europe

Milk Packaging

INEOS Olefins & Polymers Europe offers a full range of HDPE grades perfectly adapted to each type of milk and each type of blow molding machine (low/high output, wheel/shuttle concept).

INEOS O&P Europe offers:

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

We are the market leader since the 70s with natural HDPE grades for fresh or sterilised milk, and since the 80s 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



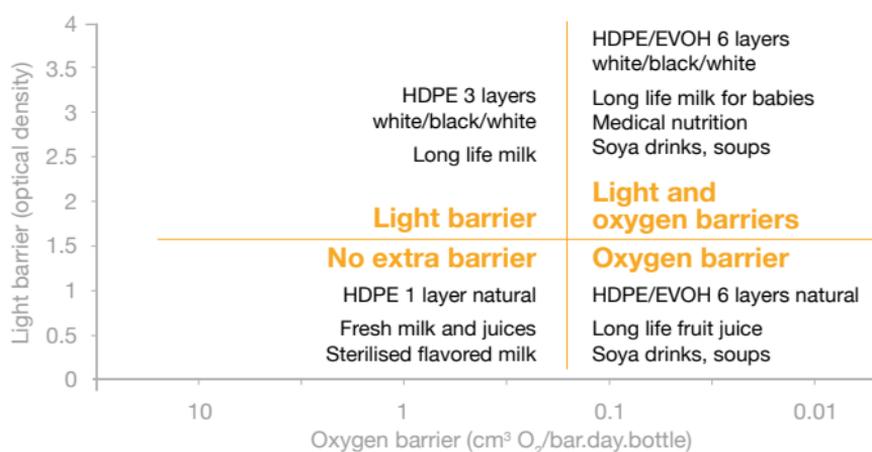
Complete Range of Products

	MFR g/10min ISO 1133	Density kg/m ³ ISO 1872	TiO ₂ %	
Rigidex® HD6007S	0.6	962	0	FRESH MILK
Eltex® B4020LGN1963	1.8	952	0	STERILISED MILK
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 on the forefront with 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



About us

INEOS is one of the world's largest chemical companies, founded in 1998. INEOS Olefins & Polymers Europe is a leading producer of olefins and polyolefins.

INEOS Olefins & Polymers Europe offers a full range of high value polyolefins solutions for market applications such as food and industrial packaging, pipe and automotive through dedicated sales, and technical service teams.

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



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