

PLASTIC MATERIALS & OIL RESSOURCES

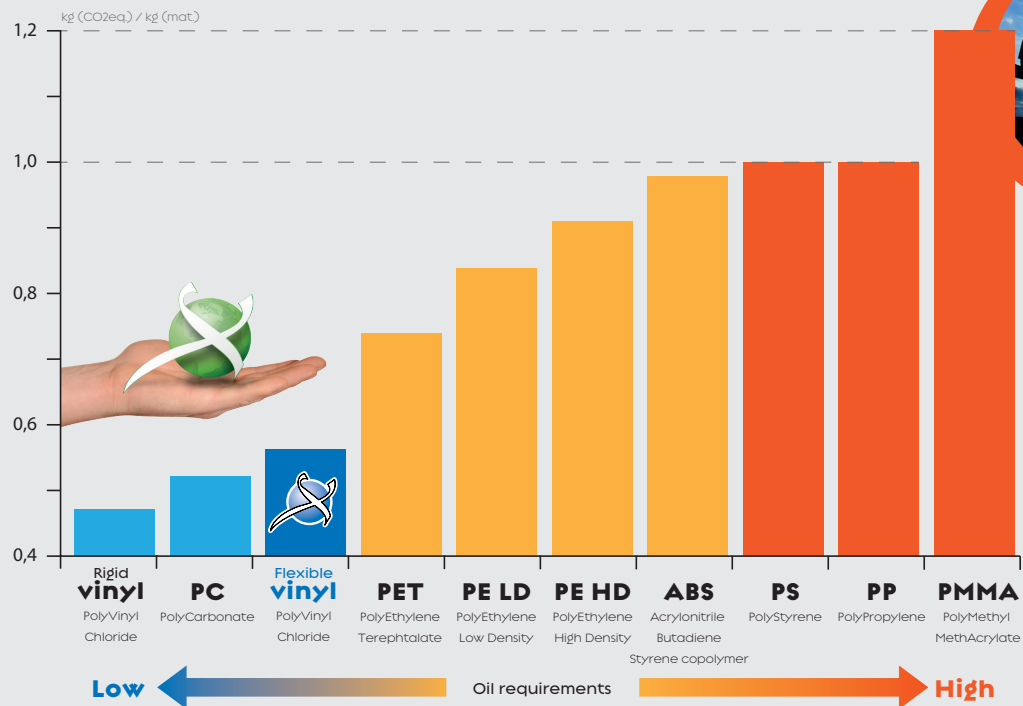
Most plastic materials are derived from oil. Oil offers an extraordinary range of possibilities as to its use. This precious resource has been abusively exploited for many years, making earth's reserves run low. Nowadays it is essential to save and preserve this resource by using it respectfully at its fair value.

43% of vinyl resin is made from petroleum products and 57% from salt products. Salt is for over half of its weight, a resource available in abundance on earth (sea water), flexible vinyl is among the plastic materials consuming less oil resources. Flexible vinyl contributes to save and preserve earth's oil resources by using it efficiently and respectfully.

✓ Clearway help to make the right material choice to save and preserve earth's natural resources.

PLASTIC MATERIALS PRODUCTION OIL CONSUMPTION

Gross energy required to produce 1 kg of plastic material resin or compound *



* Total crude oil requirements refer to the total crude oil consumption when the production material resin or compound production to raw materials extraction from earth. (It includes fuel, Transport and Feedstock - For more details refer to data sources).

Data sources:
 - Eco-profiles of the European Plastics Industry (vinyl: Ostermayer & Giegrich 2006; PS: Boustead 2006; Others: Boustead 2005) - www/ica.plasticseurope.org
 - Eco-profile of high volume commodity phthalate esters European Council for Plasticizers and Intermediates (ECPI 2001) - www.ecpi.org

Note: Flexible vinyl data are based on a mix of vinyl resin (65%) + Phthalate esters (35%).

Oil greedy plastics are often used in order to make more profits to the detriment of environment and earth natural resources. Such practices have contribute to degrade the image of plastics in the public opinion instead that low oil requirements plastics such as flexible vinyl are earth natural resources respectful and environmental friendly. By efficiently using low oil quantity for highly efficient application such as thermal insulation, Clearway flexible vinyl strips & sheets contribute to save and preserve earth natural resources.

✓ Clearway flexible vinyl strips & sheets save and preserve earth's natural resources and environment.



ENVIRONMENT & SAFETY