About Indorama Ventures
Indorama Ventures Public Company Limited (IVL), a registered company that trades on the Stock Exchange of Thailand (ticker symbol: IVL), is a leading international petrochemical company with production plants around the world including in Africa, Asia, Europe, North America and South America. We produce core necessity products and high value-added products (HVA) in the polymer, fiber and packaging product groups. Our production integration covers leading raw materials such as ethylene oxide/glycol and PTA. IVL products meet the needs of customers in the industrial groups of consumer products, food and beverages, hygienic products, personal care products, and automotive products such as inner tubes and safety products.
PET, the short-form for Polyethylene Terephthalate, is a synthetic compound from chemical reactions of ethylene glycol produced by crude oil and natural gas, and purified terephthalic acid (PTA). PET is stiff, durable, but flexible, and can be formed into various shapes. This is why it is widely used to make packaging as well as clothes (under the name “polyester”). PET is popular because it is safe to use, in addition to being lightweight, transparent, and affordable, and can also be easily recycled into fibers which can then be used to make all sorts of things.

Normally, substances released from containers have a low level of molecules or can evaporate. However, PET used in food containers contains higher molecules and are unlikely to release the compound substances. Many international institutes such as the American Plastics Council, US Food and Drug Administration (FDA) and New Zealand Food Safety Authority (NZFSA) confirm that raw materials used in making PET bottles contain no carcinogens, and that PET is safe and approved for use as food containers.

PET bottles have been approved by the US FDA and are resistant to 70-100 degrees Celsius. According to published academic research, dioxins (a carcinogen), is not found in PET bottles which have been left in a car. The reason is that PET is a type of plastic without chlorine, so PET bottles are safe.

PET bottles are normally single-use, however, they can be reused after being properly cleaned and left to dry in order to eliminate any microbes or bacteria. In addition, if you notice any scratches or cracks on the surface of the bottle, it means that the plastic is starting to deteriorate and should not be reused.

PET bottles are safe and do not contain BPA (Bisphenol A). BPA is a substance that is only found in polypropylene bottles. More importantly, BPA is not a carcinogen but it may affect the body’s hormonal system.