



What is LDPE Plastic?

What is the difference between density polyethylene (LDPE) and high density polyethylene (HDPE)? To help you answer this question, I used the HDPE plastic in a previous article, so you can throw a bone onto the polymer if necessary. And here I will maintain the LDPE plastic. Obviously, these two polymers are similar because they are both polyethylene. In fact, LDPE was the first polyethylene to be produced, so it is sorta like the senior cousin of the HDPE (which always causes problems in the meeting of the Polymer family). This means that it has only slightly less mass than volume. For example, the lead is dense. Not whipped cream. LDPE also has more molecules that are branching, as opposed to staying in perfect rows.

Although low-density and branched molecules of LDPE share some similar uses, such as packaging, they give slightly different characteristics than HDPE. LDPE / HDPE differences typically result in separate collection for recycling later but not always (later).

LDPE is resistant to impacts (easy to break), moisture (waterproof) and chemicals (can withstand many hazardous substances). Know or don't know, you are using LDPE every day for many reasons. For example, suppose you need to carry something from your trip to the home (shopping bags). You may want to give your child's lunch with a non-refrigerated beverage (juice boxes or bir aseptic Ç packaging). Or your child might like to believe (toys). And of course, no one would want to grab a bare copper electrical wire (insulation on electrical wires and cables).

Areas of Use

- Shipping envelopes
- Trash Can Liners
- Floor ceramic
- paneling
- Furniture
- Compost boxes
- Trash cans



LDPE1



LDPE2



LDPE3



LDPE4