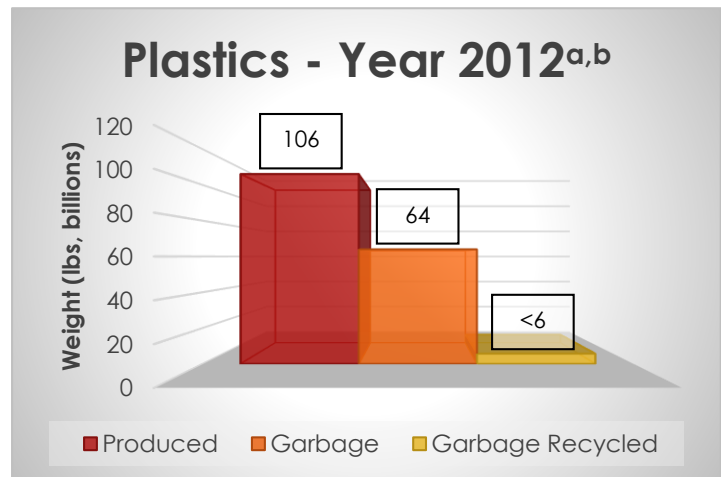




# Why We Use Recycled Plastic

Plastics are prevalent in nearly all aspects of modern daily life, largely because they are inexpensive and can be used for a wide-range of applications. When developing The Preserver™, plastic was selected for its ease of manufacturing, durability, high resistance to chemicals, and low cost.

Unfortunately, the benefits of plastics that make them appealing for production can also make them problematic. The low cost of plastics has resulted in the creation of many disposable products, such as water bottles and bags. Using plastics for single-use disposable products is problematic as plastics are extremely durable, forecasted to take up to 1,000 years to decompose.



NOTE: 66% of the plastic garbage consists of non-durable or disposable products.

## Doing Our Part with The Preserver™

Recycling plastic is difficult due to its low melting point. Many plastics are not recyclable, or are only partially recyclable. There are few plastics that are 100% recyclable, with HDPE being one of them. The plastic used for The Preserver™ components is made with 100% recycled HDPE, and the scraps from our manufacturing process are also recycled into more Preserver™ components.

a) American Chemistry Council (ACC) Plastics Industry Producer's Statistics (PIPS) Group -

<http://www.americanchemistry.com/Jobs/EconomicStatistics/Plastics-Statistics/Production-and-Sales-Data-by-Resin.pdf>

b) United States Environmental Protection Agency (USEPA) - <http://www.epa.gov/osw/consERVE/materials/plastics.htm>