

PLASTIC THROUGH THE AGES

S.No.

SENTENCES

1 Daniel Fox invented a transparent plastic in 1953: "Lexan". It is highly durable and bulletproof. It is used in making cockpit canopies, bulletproof screens, etc.

2 In 1931 "Plexiglas" was invented in two different laboratories. It was a strong and transparent type of plastic. It instantly became a success.

3 ABS was introduced in 1948; a plastic which is today used in millions of products: toys, musical instruments, car parts, etc.

4 Leo H. Baekeland created first fully synthetic plastic product in 1909 and named it "Bakelite". It was used in everything, from jewellery to aeroplanes. Original pieces of Bakelite plastics are now rare and are considered precious.

5 This led to the creation of "Xylonite" by Daniel Spill in 1869, but it was also not successful. In the same year John W. Hyatt invented "Celluloid", which entered mass production in 1872. This was a successful plastic product.

6 Bewley, an inventor produced natural rubber from plant gutta percha in 1845. This plant became used regularly, especially to produce insulation for underwater telegraph cables.

7 Historical records trace the beginnings of plastic to 1284; it was then naturally made from animal horns and tortoise shells.

8 Alexander Parkes unveiled first man-made plastic compound in 1862. He named it "Parkesine", but it quickly disappeared from public use because it was very expensive.

9 In 1897, two German researchers developed "Galalith" a type of plastic that is still in use today (mostly as plastic buttons).

10 Polyvinyl chloride (PVC) was invented in 1920. It is most commonly used plastic product of the modern world. It was only in 1925 the term "Plastic" was introduced.

WHAT DO THE SYMBOLS ON PLASTIC CONTAINERS ACTUALLY MEAN?



PET / PETE (polyethylene Terephthalate)
Safe



HDPE (High Density Polyethylene)
Safe



V (Vinyl) or PVC (Polyvinyl Chloride)
Not Safe



LDPE (Low Density Polyethylene)
Safe



PP (Polypropylene)
Safe



PS (Polystyrene)
Not Safe



Other
Not Safe

EPS

EPS (Expanded Polystyrene)
Safe

All can be recycled except Number 7 and EPS
Living Clean Now

Options: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10

Answer: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐