

Reduces
**water and
energy
consumption**

85%
reduction of
CO2 emissions

100%
recyclable

**DIN
EN 71-3**

POLYTHEX ECO PCR-PS

SPECIFICATIONS OF PCR MATERIALS

PCR materials minimize:

- The use of fossil fuels and carbon emissions
- Water and energy consumption
- The quantity of waste

PCR materials are:

- Recyclable and reusable
- Part of modern circular economy

PCR materials support:

- The consumers turnover through ecological production

Processing of PCR material:

- Printing and deep drawing
- Milling and bending
- Gluing and stamping

Post-consumer recycling materials (PCR)

Reprocessed plastic materials made from domestic or commercial waste are called post-consumer recycling materials (PCR). As strong supporter of the circular economy, we have always been seeking for the most sustainable solutions. We are proud to present a PCR material made from recycled input substances (air conditioning devices, refrigerators, freezers) in cooperation with one of the leading recycling companies.

Benefits of Polythex ECO PCR-PS

Polythex ECO PCR-PS is the result of a special formula, complemented by a supremely elaborate modifying system. ECO PCR-PS guarantees an excellent impact strength, even at low temperatures. The material stands out through its very narrow tolerance in the mechanical properties as well as its tight processing window. Furthermore, ECO PCR-PS is approved for and compliant with the European Standard for the Safety of Toys EN71-3. Thanks to the strong purity of the material, a very high color spectrum can be achieved, according to customer specifications.

PCR material compared to new material

The reutilization of already produced plastic material is not only a cost-effective, but also a waste reductive process. Additionally, the processing of used materials requires less water consumption, less fossil fuels and less energy.