



RECYCLED CONTENT DECLARATION



Türkiye Şişe ve Cam Fabrikaları A.Ş.

Glass Packaging

2025

We hereby declare that **glass packaging** products supplied from Türkiye Şişe ve Cam Fabrikaları A.Ş., our products' batch may include ¹internal cullet, ²pre-consumer and ³post-consumer recycled content (external cullet), defined in accordance with the International Organization of Standards document, ISO 14021.

As Türkiye Şişe ve Cam Fabrikaları A.Ş., that are located in Turkey, we manufacture glass containers from soda-lime-silica glass (Type III) with the internal and external sourced glass cullets approximate usage rate given below.

Table 1. Recycled Contents Based on Product Color

	Flint Glass	Amber Glass	Green Glass	Dark Green Glass	Cobalt Blue Glass
¹ Internal Cullet	10 - 18%*	10 - 18%*	10 - 18%*	10 - 18%*	10 - 26%*
² Pre-Consumer Cullet	-	-	-	-	-
³ Post-Consumer Cullet	0 - 13%*	0 - 25%*	0 - 51%*	0 - 8%*	0 - 3%*

* As the producer, Türkiye Şişe ve Cam Fabrikaları A.Ş. keeps the right to change the cullet rate used in manufacturing of the products at any time without notice.

According to ISO 14021, “The proportion, by mass, of recycled material in a product or packaging. Only pre-consumer and post-consumer material shall be considered as recycled content.”, the recycled content is calculated as below:

$$\text{Recycled Content (External Content)} = \text{Post – Consumer Content} + \text{Pre – Consumer Content}$$

¹Internal Cullet: Cullet collected in a plant and returned to the furnace due to unexpected breakages and visual defects.

Recycled Content (External Content): Proportion, by mass, of recycled material in a product or packaging. Only pre-consumer and post-consumer materials shall be considered as recycled content, consistent with the following usage of terms.

²Pre-Consumer Content: Material diverted from the waste stream during a manufacturing process. Excluded is reutilization of materials such as rework, regrind or scrap generated in a process and capable of being reclaimed within the same process that generated it.

In glass packaging, the waste generated is a result of the processing or re-processing of the glass that occurs before it is sold to consumers. This waste consists of leftovers, losses incurred during various processing stages. Although this processing may occur at the same facility as glass production, it is separate from the actual manufacturing process of glass packaging.

³Post-Consumer Content: Material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product which can no longer be used for its intended purpose. This includes returns of material from the distribution chain.

The term "recycled content" only applies to substances that would have been disposed of as solid trash but are now being put to another use. Therefore, materials that can be recovered during their original manufacturing process do not constitute pre-consumer recycled content. The collected glass cullet from a furnace that never intended to be thrown away and would not have entered the waste stream, cannot be categorized as pre-consumer recycled content.

Best Regards,