



Tinplate packaging with 90.4% recycling rate

As much as 90.4% of tinplate packaging used in Germany was recycled in 2018. This finding was published by the Gesellschaft für Verpackungsmarktforschung (GVM) in its recently published annual recycling report for packaging. The recycling rate from private end use sources was as high as 92.2%, making tinplate the most recycled packaging material in this area once again.

A strong message to the filling industry, trade and consumers

“The high recycling rate of tinplate sends a strong message to the filling industry, trade and consumers: If you are looking for sustainable packaging material in a closed, effective material cycle, tinplate is the right choice,” says Dr. Peter Biele, CEO of thyssenkrupp Rasselstein GmbH. Tinplate has another important advantage over many other packaging materials: it is almost 100% recyclable—practically infinitely and without any loss of quality: “This is because packaging steel is made from natural raw materials such as iron ore, coking coal and limestone as well as part scrap steel. The characteristic properties of this metal allow steel to be melted down again and again and processed into a new steel product with resources that occur in nature,” explains Biele.

Tinplate represents a closed material cycle and multi-recycling

In addition to conserving primary resources, multi-recycling a material, which is common practice for tinplate, also has the advantage of lessening the environmental impact as a result of the many successive utilization and recycling cycles. “It’s quite simple really: if today’s consumers separate their waste correctly and put their cans into the recycling, tomorrow these cans might become part of a bike and the day after tomorrow a car part. Tinplate that was produced decades ago is still in today’s new steel products,” explains Biele.

thyssenkrupp Rasselstein GmbH itself is helping to effectively close the material cycle by ensuring packaging steel is recycled in Germany using its own recycling systems: DWR (Deutsche Gesellschaft für Weißblechrecycling mbH) for the private sector and Kreislaufsystem Blechverpackungen Stahl GmbH for the commercial/industrial sector.

About us:

thyssenkrupp Rasselstein GmbH belongs to the leading global providers of the highest quality, precision engineered packaging steel. At its base in Andernach, Germany – the largest facility of its type worldwide – it produces some 1.5m tons of packaging steel each year. Our 2,400 employees serve approximately 400 customers in 80 countries across a diverse range of markets – from producers of food and pet food cans, to manufacturers of beverage and aerosol cans, packaging for paints and coatings or containers for hazardous goods, as well as crown corks and closures. Expert teams in service, sales and technical customer service complement the product portfolio, working in close partnership with our customers to ensure that our promise for consistent quality and reliability is delivered worldwide.

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