

SAXESS NES503 



Our new rPET turns your CO₂
balance upside down.....



PRODUCT INFORMATION

SAXESS NES503 is an easy-flowing recycled grade consisting of 100% post-consumer (PET flakes) mainly for injection moulding applications. The grade has optimised mechanical performance and has a slightly greyish colour. The rPET can be used for the following processes and applications:

- **Use of recycled PET (rPET) for injection moulding and, to a limited extent, extrusion**
- Technical components, consumer goods, cosmetics, toys, household sector (housings), packaging
- Substitution of existing ABS or SAN applications with rPET



KEY FACTS

- **Low CO₂ footprint → 0.40 kg CO₂ eq. related to 1 kg product**
- **Improved viscosity**
- **Improved impact strength**
- **Improved flexibility**
- **better flowability**
- **lower thermal and oxidative degradation**
- **faster and better crystallisation**
- extremely good dispersion and very fine particle distribution
- available as granules in 25kg bags
- slightly greyish colour



PRODUCT ADVANTAGES

- suitable for food applications
- lower injection pressure
- larger production windows compare to standard rPET
- higher residual time during production
- better homogeneity and product quality
- prevents material degradation due drying and processing
- lower cycle time due faster crystallisation



SAVINGS



Reduction of scrap



Reduction of pre-drying temperature



Reduction of manufacturing costs



Increase in productivity

Disclaimer: All above information is given to the best of our knowledge, but without guarantee, warranty or liability of any kind, either implicit or explicit. All statements concerning possible applications are non-binding, as the actual use is within the exclusive sphere of influence of the processor. Furthermore, the processor may not assume that safety measures are indicated here or that no other precautions are necessary.