






Technical data sheet

ECO-R-PET FILM TYPE 199 FORMING FILMS

Configuration		
Outside layers	PET-A post-consumer recycled material, evaluated by EFSA ¹⁾ , anti-blocking agents	
Middle layers	PET-A post-consumer recycled material, evaluated by EFSA ¹⁾	
Dimension		
Nominal thickness value (mechanical)	0.150 ... 0.800 mm	
Nominal size value	≤ 1,200 mm	
Tolerance	see General Terms & Conditions	
Physical properties		
Color	colour-tinted transparent	
Density	approx. 1.33 g/cm ³	
Shrinkage	≤ 25 % (10 min at 140 °C, depending on film thickness)	
Options on request		
Color	specified color according reference	
PE-protection film	one or both sides	
UV-protection	UV light transmittance ($\lambda = 360 \text{ nm}$) ≤ 0,5 %	
AS-treatment	on both sides Surface resistance ≤ 10 ⁹ Ohm (measured at 50 % relative humidity)	
Field of application		
Forming	all kinds (tool temperature ≥ 30 °C, Forming ≥ 120 °C)	
Sealing, Welding	high-frequency, Ultrasonic (depending on medium)	

The product is in accordance with the regulations of:

- Commission Regulation EU 10/2011
- BfR Recommendation XVII
- Raw materials comply to FDA, Title 21 Part 177.1630 and supplementary regulation 21 CFR 177, 1315(b)(1)(USA)

¹⁾ EFSA = European Food Safety Authority.

For the film type mentioned above, only post-consumer recycled material is used which is produced by a recycling process with a positive evaluation of the EFSA. This evaluation is according to the Commission regulation (EC) no. 282/2008 on recycled materials intended to come into contact with food.

All specified physical characteristics are indications. Deviations from the values given here are mostly due to technological reasons and not per se justifying the claim of the goods. All specified physical properties are only valid for a non-processed film. The assessment of the suitability of a film of FWG for the intended purpose is in customer's responsibility.

