

SELENIS WEEZEN HS 200

Selenis Weezen HS 200 is a copolyester specifically developed for full body shrink sleeves, a packaging solution that will make your products stand out on the shelf. These full-body labels maximize marketing space as they allow 360° printing of eye-catching graphics with excellent printability, clarity and gloss. The **Selenis Weezen HS 200** is the copolyester solution that will enhance your brand image and increase consumer brand loyalty.

Selenis Weezen HS 200 is the ideal solution for any kind of packaging: beverage, soft drinks, juices, alcoholic drinks, personal care, household products, and labels to fit high contour containers. Labels made with **Selenis Weezen HS 200** copolyester will shrink perfectly around any shape when heat is applied.

Full-body shrink sleeve labels made with **Selenis Weezen HS 200** allow tamper-evident packaging, promoting a sense of security to your customers whilst reducing packaging cost as there is no need for plastic rings or other tamper evident bands. The portion of the sleeve covering the cap can be perforated to make it easier for the customer to open.

Selenis Weezen HS 200 maintains excellent transparency and clarity even after long exposure to temperatures higher than its glass transition temperature (T_g) given the product's tendency not to crystallise.

The shrink curve that may be expected in transverse direction using **Selenis Weezen HS 200** starts at 65°C and reaches approximately 75% at 90°C.

Specifications

This table contains **Selenis Weezen HS 200** characteristics and their methods of analysis. Some properties are subject to limits; others are presented with their typical values. Small variations of the typical values do not affect the application performance of the polymer.

All properties are measured under laboratory conditions by the analytical method shown. Limits in these specifications are applicable only to data obtained by the referenced test methods. Different methods or conditions of analysis may give rise to different values. A Certificate of Analysis, with representative average values of certain properties, can be sent to the customer when requested.

Typical Properties

Properties	Test Methods	Units	Values
Intrinsic Viscosity	ISO 1628-5	dl/g	0.80 ± 0.02
Color b* L*	ASTM D6290		≤ 1 ≥ 64
Glass Transition Temperature	ASTM D3418	°C	80
Bulk Density		g/cm ³	0.73
Specific Density	ASTM D -792 (2013)	g/cm ³	1.29
Moisture		%	≤ 0.3
Particle size		mg/20 chips	320 ± 50
Pellet Shape			Cylindrical
Food Approval			YES

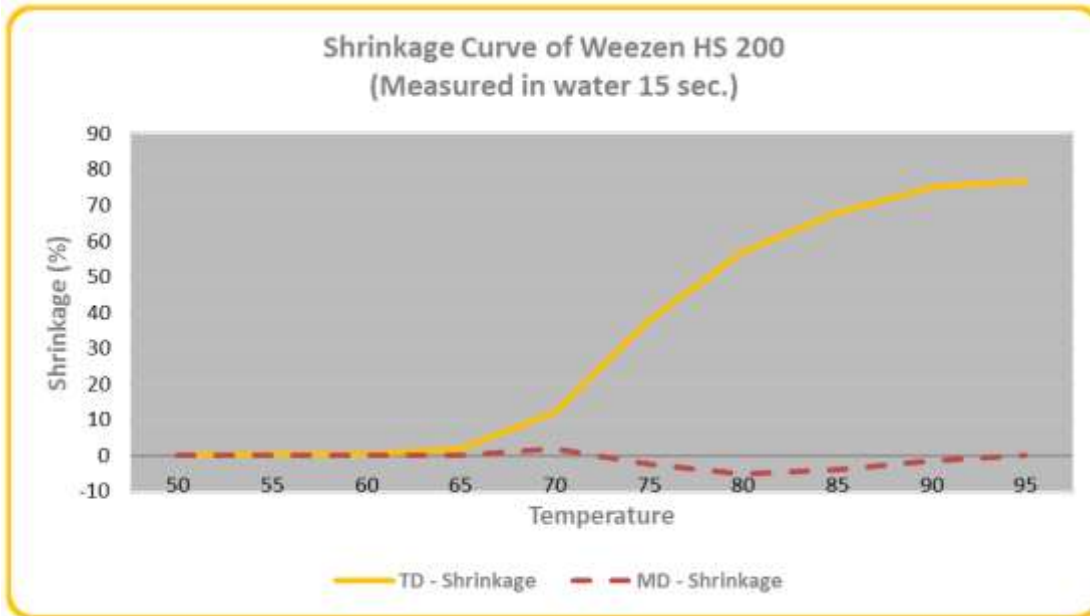
This resin complies with the compositional requirements of the European Regulation Nr 10/2011 on Plastic Food Contact Materials (Repeals 2002/72/EC plastics including 6 amendments).



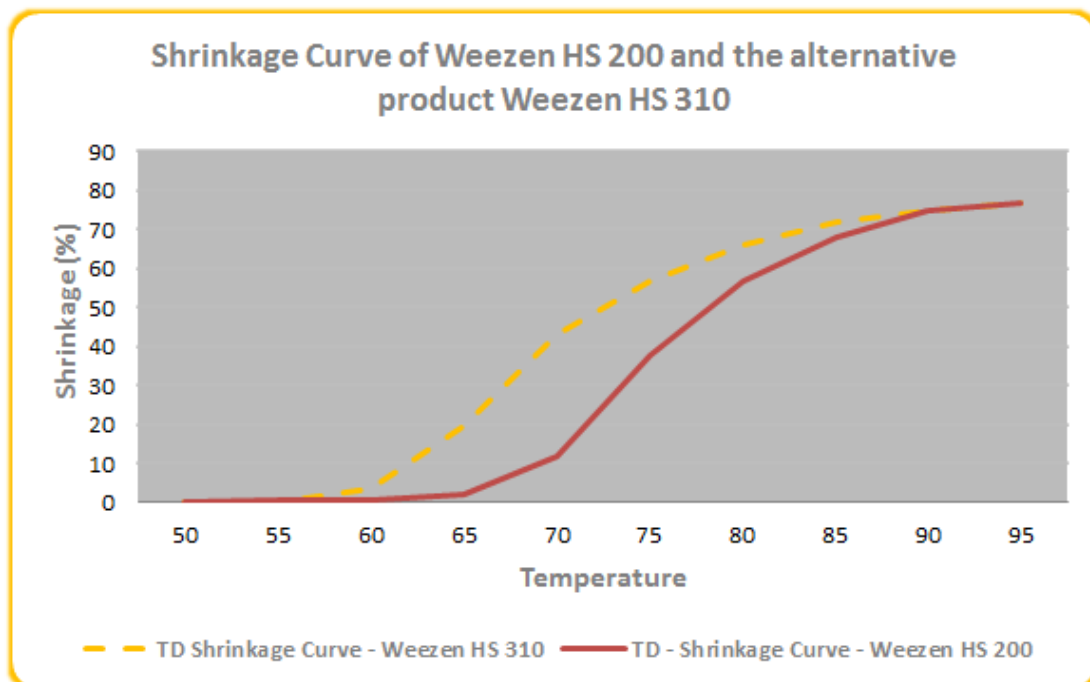
Selenis

Specialty Polyesters Solutions

Shrinkage Curve of Weezen HS 200



Shrinkage Curve of Weezen HS 200 and the alternative product Weezen HS 310





Storage and Handling Conditions

Selenis Weezen HS 200 is an inert material in storage and no hazards are likely to arise; however the polymer should be stored in an area properly protected from risk of fire.

Selenis Weezen HS 200 should be stored in the original container, tightly closed in a dry, cool and well-ventilated place. Avoid direct light contact if the container is stored indoors.

Processing

In order to obtain maximum product performance, **Selenis Weezen HS 200** should be dried to achieve a moisture level below 0.004 % (40 ppm) before processing. Typical drying requirements include a dehumidifying air hopper dryer with regenerative desiccant beds, -40°C dew point air, and 65°C drying temperature for at least 5 – 6 hours. During drying it is important that the temperature of the processed air does not exceed 70°C in order to avoid chips sticking together in the hopper of the dryer.

Typical processing temperatures are between 180°C to 250°C and should be chosen in function of the needs of the transformation technology.

Warranty

The seller only warrants that the product complies with the specifications and is free from defects. Clients should perform their own assessment to determine if the product is suitable for a particular purpose.

Health and Safety Consideration

Read and follow all information presented in the Safety Data Sheet (SDS) for this product.

Recycling

Polyethylene Terephthalate Products are 100% recycled and carries the recycle code of "1". Production rejections, and/or conversion waste should be recycled if possible.

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