Technical datasheet

Halogen & PVC-free PET foil Svanemærket listed.

Technical information

Type	**ISOTOP NH**
Description	**rigid amorphous PET (polyethylene terephtalate), high quality, good antiblocking and denesting features (APET).**
Application	**for standard thermoforming applications, blisters, cups, printing with high demand transparency, lamination.**
Layers	**3 layer co-extruded PET film Inner layer: virgin PET Outer layers: virgin PET - 10 % of total PET thickness**
Surface	**glossy/glossy**
Colour	**Grey & white**

Properties	**Unit**	**Test method**	**Value**
Thickness tolerance	**%**	**MB/MW/03 [ISO 4593]**	**± 5**
Width tolerance	**mm**	**MB/MW/04 [ISO 4592]**	**± 1**
Density	**g/cm^3**	**MB/MW/20 [ISO 1183]**	**1,34 ± 0,02**
Tensile impact strength	**kJ/m^2**	**MB/MW/17 [ISO 8256]**	**≥ 300**
Tensile strength	**MPa**	**MB/MW/14 [ISO 527-3]**	**> 40**
Coefficient of friction* *Dependent on the fourth digit in type		**MB/MW/08 [ISO 8295]**	**1 ≤ 0,31 2 ≤ 0,28 3 ≤ 0,25 4 ≤ 0,23 5 ≤ 0,22**

Packaging/Form of delivery

Maximum film width	**1600mm (depending on thickness <200µm maximum of 1400µm - upon request)**
Film thickness	**150 - 1200µm (above 800 mm upon request)**
Maximum roll diameter	**to 800mm (standard roll diameter); 801-1000mm (upon request)**
Core diameter	**76 or 152mm**

Limitations of use	**The intended filling conditions are cold filling and warm filling, but not hot filling (T ≥ 70 °C), sterilization, or aseptic filling. The products are not microwaveable; storage temperature after filling is refrigeration and room temperature.**
Shelf life/Storage conditions:	**The products have a maximum shelf life of 24 months at 10 – 30 °C and relative humidity < 50 % in dust free, dry, and UV-protected original packaging; conditioning a minimum of 24 hours in usage environment.**

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This product is in compliance with product safety and legislative requirements.

This information corresponds to our current knowledge. It is presented however without any guarantee. They are not binding for special applications.