Teknisk Datablad

PVC-free PET foil

armacell MAKING A DIFFERENCE AROUND THE WORLD

Danmat ISO SYSTEMS

Technical information

Type	**ISOLPAK PET 55A(1-5)*-5**
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	according to customer sample; transparent clear, transparent colored or opaque colored possible

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 12 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.

Issue:RFD04 Revision:2023-06-15

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.