

TECHNICAL DATASHEET SKY 115 - A-PET SHEET IN ROLLS

Material:	Amorphous PET (polyethylene terephthalate) A-PET.	
Product:	SKY 115 - sheet in rolls.	
Quality:	Co-extruded A-PET sheet with good transparency and good sealing properties - ABA structure. A-layer: Food contact approved PET. B-Layer: By-Product material (Post Industrial Waste) is contained in the B-layer. The sheet can contain 85% By-Product PET.	
Antiblock treatment:	Antiblock by means of masterbatch and/or bath treatment. Antimist effect on request.	
Application:	The material is suitable for packaging of the following food products:	
	Aqueous foods	Yes
	Acidic foods	Yes
	Alcoholic foods	Yes
	Fatty foods	Yes
	Dry foods	Yes
	Dairy foods	Yes
	Use in conventional oven	No
	Use in microwave oven	No
	Freezing	Yes
Legislation:	Current applicable EU legislation.	
Storage and filling treatment:	Unlimited storage treatment at cooling and freezing temperature.	
	Hot Fill up to 70° C for max. 2 hours.	
	Unlimited storage treatment at room temperature.	
Core diameter:	76 mm (3") and 152 mm (6").	
Roll size diameter:	Max. 1200 mm (47"). Min. 600 mm (24"). However, min. 300 kgs.	
Package method:	Rolls packed on pallets - core vertical or horizontal - according to agreement.	

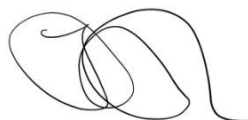
Dimensions:	Gauge:	Width:
Standards:	180 - 250 µ	400 - 1.300 mm
	250 - 300 µ	400 - 1.400 mm
	300 - 800 µ	400 - 1.540 mm
Tolerances: ①	+/- 5 %	+/- 1 mm
Note: ①	Excl. tolerance for testing equipment according to DS2011 (+/- 4 µ).	

Roll slitting:	Gauge:	Width:
Small reels below 300 kgs:	Max. 800 µ	Min. 100 mm

Properties:	Value:	Method:
Density:	1.34 g/cm ³	DIN 53479
Elastic modulus:	1900 - 2400 MPa	ISO 527
Application temperature: ②	Min. - 40° C. Max. 70° C	
Glass transition temperature:	76° - 78° C	DSC
Melting point:	245° - 252° C	DSC
Thermoforming temperature:	100° - 150° C	
Note: ②	The closer to the limits the more the mechanical properties of A-PET are influenced by temperature and humidity.	

Permeability values:	Value:	Method:
O₂ - Oxygen:	4,4 cm ³ /m ² * 24h * bar - 23° C/0%RH (400µ)	DIN 53380
CO₂ - Carbon dioxide:	21,9 cm ³ /m ² * 24h * bar - 23° C/0%RH (400µ)	DIN 53380
H₂O - Water:	1,3 g/m ² * 24h * bar - 38° C/90%RH (400µ)	DIN 53122
Note:	The value for N₂ is approximately 1/5 of O₂. The permeability values are guidelines only and depend on the size, design, orientation, surface, and thickness of the tray concerned. All technical values are table values.	

The above information is based on our current state of experience and is intended to provide general information about our products and their applications. However, we do not carry any responsibility.



Vaatimuksenmukaisuustodistus koskee seuraavia Ki-Sal Oy:n
maahantuomia ja myymiä tuotteita:

Ki-Sal tuotekoodi	Tuotekuvaus ja toimittajan tuotenumero
-------------------	--

TT1122	Tortturasia, 550kpl/ltk, 1122-1
--------	---------------------------------