

SKY-LIGHT



TECHNICAL DATASHEET SKY 175 - R-PET SHEET IN ROLLS

Material:	Recycled Amorphous PET (polyethylene terephthalate) R-PET.	
Product:	SKY 175 - sheet in rolls.	
Quality:	Co-extruded R-PET sheet with good transparency, and good sealing properties. Consists of min. 50% post consumer waste (PCW) material and residual material consisting of up to 100% recycled material sandwiched between two outer layers of virgin A-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
	* Does not apply R-PET sheet coated with bath treatment.	
Legislation:	Current applicable EU legislation.	
Temperature:	T ≤ 40° C: time > 24 hours	
	T ≤ 70° C: time ≤ 2 hours	
Colours:	Transparent. Other colours on request.	
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 - 1250 μ	260 - 1540 mm
	180 - 300 μ	260 - 1400 mm
	300 - 1000 μ	260 - 1540 mm
	1000 - 1250 μ	260 - 1000 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. 700 μ	Min. 75 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 R-PET are influenced by temperature and humidity.	

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.