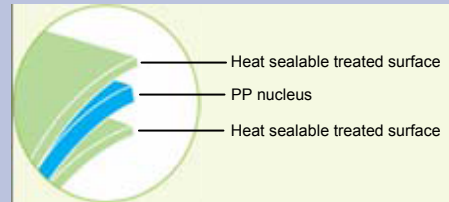


TSD_AF



Bioriented polypropylene film, transparent, with antifog properties, heat sealable and treated on both sides for printing and / or lamination



Main Characteristics

- Excellent antifog properties
- Heat sealable on both sides, with sealing temperature starting at 120°C on antifogging side
- Surface treatment for ink and/or adhesives anchorage
- Excellent transparency and gloss

Applications

- Designed for packaging of fresh vegetables and fruits, ready salads, conditioned in cooled environments, substituting films of PE and PVC

Properties	Procedure	Unit	TSD_AF		
			TSD20AF	TSD30AF	TSD40AF
Main properties					
THICKNESS	DIN 53370	µm	20	30	40
UNIT WEIGHT		g/m ²	18,2	27,3	36,4
YIELD		m ² /kg	54,9	36,6	27,5
ANTI-FOG EFFECT		-	Classification E (Excellent)		
SURFACE TENSION	ASTM D 2578	Dynes/cm	≥ 38		
SEAL STRENGTH		N/15mm	3,0	4,0	4,5
HAZE		N/15mm	2,0	2,2	2,4
COEFFICIENT OF FRICTION Film/Film - NT/NT	ASTM D 1894	-	0,20		
Descriptive properties					
GLOSS	ASTM D 2457	u.b.	86		
HEAT SEAL RANGE		°C	120 - 145		
TENSILE STRENGTH AT BREAK	ASTM D 882	N/mm ² MD TD	150 290		
ELONGATION AT BREAK	ASTM D 882	% MD TD	180 60		
RESIDUAL SHRINKAGE	120°C / 5min	% MD TD	4 2		
WATER VAPOUR TRANSMISSION RATE	ASTM F 1249 38°C / 90%UR	g/m ² /24h	6,7	4,3	3,2

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Notes

1 – Abbreviations used: MD – machine directions; TD – transversal directions;

2 – The values described above should be considered as a reference and may not be taken as product specification values;

The above values are average data and should not be taken as final specification, and there is no guarantee for accuracy. The information above is not intended as a representation or warranty of performance properties with respect to these products.