

TECHNICAL DATA SHEET - S303 Clear

PROPERTIES	TEST METHOD / SWS	RESULT
GENERAL DATA		PA/PE
Thickness	Micron	DIN 53370
	Unit Weight	ISO 4593
	Yield	
		g/m ²
		m ² /Kg
		90 (M)
		86.94 - 88.1
		11.4 - 11.5
MECHANICAL	ASTMD882-12 / DIN EN ISO 527	Range Value
Tensile Strength	Machine Direction	N/mm ²
	Transverse Direction	N/mm ²
Elongation @ Break	Machine Direction	%
	Transverse Direction	%
		21 - 43
		20 - 39
		356 - 590
		400 - 600
THERMAL		Range Value
Sealing Temperature (subject to time)		130 °C
Temperature Stability (subject to time)		
PERMEABILITY	DIN 53380	cc/m ² 24h/bar
Oxygen	23°C / 0% RH	
Nitrogen	23°C / 0% RH	
Carbon Dioxide	23°C / 0% RH	
		cc ³ /m ² 24h/bar
	DIN 53122	g/m ² 24h
Water Vapour Transmission	23°C / 100% RH	
	38°C / 90% RH	
		Range Value
		45 - 70
		< 22
		< 200
		Maximum Value
		< 2
		< 10
FOOD LAW COMPLIANCE	Complies with EEC and FDA 21 Food Regulations	

The values presented are typical laboratory determinations. They are intended as guides only and shall not form part of a specification limit. Details contained within remain, at all times confidential between the intended recipient and Flexipol. At the time of manufacture all materials used comply to the best of our knowledge with all current appropriate legislation.

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