

TEST			TEST METHOD	UNITS	TYPICAL VALUES									
THICKNESS			ISO 4593	µm	20	25	27	30	32	35	38	40	45	50
GRAMMAGE			CSFL 11	g/m ²	18,1	22,6	24,4	27,2	28,9	31,7	34,4	36,2	40,7	45,2
YIELD			CSFL 11	m ² /kg	55,2	44,2	41,0	36,8	34,6	31,5	29,1	27,6	24,3	22,1
MECHANICAL PROPERTIES	Tensile Strength	MD	ASTM D 882	N/mm ²	85	76	72	70	70	70	68	68	62	60
		TD			40	42	42	42	43	43	43	43	43	43
	Elongation	MD		%	570	600	620	630	640	680	690	700	710	710
		TD			790	820	820	820	820	820	820	820	820	820
COEFFICIENT OF FRICTION	Dynamic	U/U	ISO 8295	----	0,10									
OPTICAL PROPERTIES	Gloss (45°)		ASTM D 2457	%	85	85	85	85	85	85	80	80	80	80
	Haze		ASTM D 1003	%	2,9	3,0	3,1	3,2	3,3	3,4	3,6	3,8	4,0	4,5
PERMEABILITY	WVTR (23°C, 100% H.R.)		ASTM F 1249	g/(m ² d)	4,46					2,01				
	OTR (23°C, 0% H.R.)		DIN 53 380	cm ³ /(m ² d atm)	5097					2730				
SEALING	S.I.T. (150N, 1s, 10mm)	U/U	CSFL 2	°C	112	112	113	115	115	115	116	116	116	116
TREATMENT	Surface Tension		ASTM D 2578	dynes/cm	≥ 38									
WIDTH	Standard		----	mm	Nominal Value -3 / +5									
	Trimmed				Nominal Value 0 / +2									

TEST			TEST METHOD	UNITS	TYPICAL VALUES							
THICKNESS			ISO 4593	µm	60	70	75	80	90	100	120	
GRAMMAGE			CSFL 11	g/m ²	54,3	63,4	67,9	72,4	81,5	90,5	108,6	
YIELD			CSFL 11	m ² /kg	18,4	15,8	14,7	13,8	12,3	11,0	9,2	
MECHANICAL PROPERTIES	Tensile Strength	MD	ASTM D 882	N/mm ²	58	50	48	46	45	45	40	
		TD			43	40	38	38	38	38	38	
	Elongation	MD		%	720	730	730	730	730	730	730	730
		TD			820	820	800	800	800	800	800	780
COEFFICIENT OF FRICTION	Dynamic	U/U	ISO 8295	----	0,10							
OPTICAL PROPERTIES	Gloss (45°)		ASTM D 2457	%	75	75	75	75	75	65	60	
	Haze		ASTM D 1003	%	5,0	6,0	6,5	7,0	7,5	9,5	11,5	
PERMEABILITY	WVTR (23°C, 100% H.R.)		ASTM F 1249	g/(m ² d)								
	OTR (23°C, 0% H.R.)		DIN 53 380	cm ³ /(m ² d atm)								
SEALING	S.I.T. (150N, 1s, 10mm)	U/U	CSFL 2	°C	117	118	118	120	121	122	122	
TREATMENT	Surface Tension		ASTM D 2578	dynes/cm	≥ 38							
WIDTH	Standard		----	mm	Nominal Value -3 / +5							
	Trimmed				Nominal Value 0 / +2							

Storage conditions:

The film should be stored in a dry, covered and clean area, away from heat sources and without UV radiation and/or direct sunlight. The storage temperature should be between 15 to 30°C. The film should be allowed to reach the operating room temperature 24 hours before its use. If the above mentioned requirements are fulfilled the film is suitable to be used up to 6 months from the production date.

Food contact

Suitable for food contact. Specific documentation is available upon request.

The above properties correspond to average values and do not represent a product specification.

The information provided on this technical sheet is based on our current knowledge and experience and is given with good faith. It may vary due to several particular factors which are alien to our knowledge and control and that affect the use of the product (storage, climate, handling, raw-materials, etc.). It is intended to offer to the specialized readers, indications so that they can evaluate the possible applications for this product. The user should always verify the suitability of the film for the specific end-use.