

Technisches Datenblatt

TEST ITEM	UNIT	ASTM TEST	TYPICAL VALUES					TOL.
			12 my	15 my	19 my	25 my	30 my	
Thickness								5%
Tensile strength (TD)	N/mm ²	D882	110	105	105	95	85	3%
Elongation (MD)	%	D882	115	120	125	130	130	2%
Elongation (TD)	%	D882	110	115	120	125	125	2%
Tear (MD)	g	D1922	10,5	14,0	17,5	24,0	28,5	4%
Tear (TD)	g	D1922	10,0	13,5	17,0	23,5	27,0	4%
SEAL strength (MD)	N/mm	F88	0,68	0,80	1,03	1,27	1,55	2%
SEAL strength (TD)	N/mm	F88	0,70	0,85	1,05	1,30	1,65	2%
COF Dynamic (film to film)		D1894	0,35	0,38	0,38	0,39	0,36	4%
COF Static		D1894	0,34	0,34	0,34	0,35	0,35	4%
Haze		D1003	2,2	2,6	3,2	3,8	4,4	3%
Clarity		D1746	99,0	98,0	97,0	95,0	92,0	2%
Gloss@45deg		D2457	85,0	87,0	83,5	82,5	80,0	2%
Oxygen Transmission Rate	cc/m ³ /day	D3985	11300	10800	7200	5400	4500	1%
Water Vapor Transmission Rate	gm/m ³ /day	F1249	45,5	37,5	26,5	23,5	21,5	3%

FREE SHRINKAGE	UNIT	ASTM TEST	MD	TD	MD	TD	TOL.
100 °C	%	D2732	23	31	20	28	2%
110 °C	%	D2732	39	45	35	45	2%
120 °C	%	D2732	58	62	57	60	2%
130 °C	%	D2732	65	67	65	64	2%

SHRINK TENSION	UNIT	ASTM TEST	MD	TD	MD	TD	TOL.
100 °C	Mpa	D2838	1,85	2,60	1,80	2,55	2%
110 °C	Mpa	D2838	2,75	3,50	2,70	3,60	2%
120 °C	Mpa	D2838	2,80	3,65	2,80	3,65	2%
130 °C	Mpa	D2838	2,65	3,25	2,60	3,15	2%