

Technisches Datenblatt

enthält 35% "Post Consumer Recycled" Granulat

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	n/a	n/a	105	95	85	3%
Elongation (MD)	%	D882	n/a	n/a	125	130	130	2%
Elongation (TD)	%	D882	n/a	n/a	120	125	125	2%
Tear (MD)	g	D1922	n/a	n/a	17,5	24,0	28,5	4%
Tear (TD)	g	D1922	n/a	n/a	17,0	23,5	27,0	4%
SEAL strength (MD)	N/mm	F88	n/a	n/a	1,03	1,27	1,55	2%
SEAL strength (TD)	N/mm	F88	n/a	n/a	1,05	1,30	1,65	2%
COF Dynamic (film to film)		D1894	n/a	n/a	0,38	0,39	0,36	4%
COF Static		D1894	n/a	n/a	0,34	0,35	0,35	4%
Oxygen Transmission Rate	cc/m ³ /day	D3985	n/a	n/a	7200	5400	4500	1%

FREE SHRINKAGE	UNIT	ASTM TEST	MD	TD	MD	TD	TOL.
100 °C	%	D2732	24	30	20	27	2%
110 °C	%	D2732	38	46	35	44	2%
120 °C	%	D2732	59	61	58	62	2%
130 °C	%	D2732	66	68	66	65	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%