

physical properties of shrink film

Item		UNIT	MIN	MAX	AVE	Actual values
Tensile strength yield	MD	14.65	16.2	13.1	n/mm ²	ASTM-D882
	TD	12.8	13.8	11.8	n/mm ²	
Elongation at yield	MD	44.55	66.5	22.6	n/mm ²	ASTM-D882
	TD	35.35	43.2	27.5	n/mm ²	
Tensile strength break	MD	24.7	27.4	22	n/mm ²	ASTM-D882
	TD	25.15	28	22.3	n/mm ²	
Elongation at break	MD	528	614.2	441.8	%	ASTM-D882
	TD	613.8	699	528.6	%	
Elmendorf	MD	3.4	4.4	2.4	g/mic	ASTM-1922
	TD	5.8	6.7	4.9	g/mic	
Dart	F	427.9	515.8g	340g	g/mic	ASTM-1709
	S	440.6	515.8g	365.5g	g/mic	
COF (OUTER)	Static	0.4	0.5	0.3	*	ASTM-1894
	Dynamic	...	...	...	*	
Shrinkage	MD	63%	66%	60%	%	ASTM-2732
	TD	44%	47%	41%	%	ASTM-2732