



## MGS Standard Polyolefin Shrink Film

ITEM		UNIT	TEST METHOD	STANDARD VALUES			
				12um	15um	19um	25um
Thickness		micron	ASTM-D374	12um	15um	19um	25um
120°C Free Shrinkage	MD	%	ASTM-D2732	60	58	57	56
	TD			62	61	60	59
100°C Free Shrinkage	MD	%	ASTM-D2732	22	21	18	17
	TD			31	30	28	26
Elongation	MD	%	ASTM-D882	105	110	110	115
	TD			105	110	115	122
Tensile Strength	MD	N/mm <sup>2</sup>	ASTM-D882	125	120	110	115
	TD			130	125	115	120
Seal Strength		N/15mm	ASTM-F88	9	10	12	15
COF	Dynamic		ASTM-D1894	0,32	0,3	0,25	0,25
	Static			0,32	0,3	0,25	0,25
OPTICS	Haze	%	ASTM D1003	3	3,5	4	4,5
	Clarity	%		92,5	92	92	91,5
Inner Diameter		Inch		3	3	3	3
Oxygen Transmission Rate		cc/m <sup>2</sup> /day	ASTM D3985	12500	10000	7500	5300
WaterVapor Transmission Rate		gm/m <sup>2</sup> /day	ASTM D1249	45	37,5	27	23

**Remarks: MD (Machine direction), TD (Transverse direction)**

Above data are only standard value in MGS, But not Guaranteed value.