

PRODUCT - MACHINE ROLL			STANDARD	LOW POWER	POWER	SUPERPOWER	PM
PROPERTIES	METHOD	UNIT OF MEASURE					
PRODUCTION		CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED	CAST COEXTRUDED
POLYMER			LLDPE	LLDPE	LLDPE	LLDPE	LLDPE
WIDTH		mm	500	500	500	500	500
THICKNESS		µm	20	20	20	20	20
IMPACT STRENGTH	ASTM D1709	gr.	80	95	120	170	210
TENSILE STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	35	37	39	44	49
TRANSVERSAL	ASTM D882	N/sq.mm	23	25	27	30	32
ELONGATION AT BREAK							
LONGITUDINAL	ASTM D882	%	350	380	410	440	460
TRANSVERSAL	ASTM D882	%	700	730	760	780	800
PRESTRETCH	PRACTICE TEST	%	120 - 130	160 - 180	200 - 210	260 - 270	290 - 300
USE LIMIT UP TO							
YIELD STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	10	11	12	13	14
TRANSVERSAL	ASTM D882	N/sq.mm	9	10	10	11	12
TEAR STRENGTH (ELMENDORF)							
LONGITUDINAL	ASTM D1922	N/mm	35	45	55	75	85
TRANSVERSAL	ASTM D1922	N/mm	105	120	140	170	190
PUNCTURE RESISTANCE	OUR OWN		1350	1440	1550	1670	1780

For colored films value reduction of 10%
For films with additives value reduction of 5%

Dimensional Characteristics	Range	Test Method
Width	± 0, -5 mm	ISO 4592
Thickness (average)	± 5,0 %	ISO 4591
Core internal diameter	± 2 mm	Direct measurement

All other figures are typical values with tolerances 10% .

E.P.M. Stretch Films are ecologically non pollutant, absolutely non - toxic, chlorine free and can be 100% recycled

Rev: 21 - Data: settembre 2021