

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	17	17	17	17	17
IMPACT STRENGTH	ASTM D1709	gr.	75	90	115	145	175
TENSILE STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	33	35	37	40	42
TRANSVERSAL	ASTM D882	N/sq.mm	20	22	24	26	27
ELONGATION AT BREAK							
LONGITUDINAL	ASTM D882	%	300	320	345	390	420
TRANSVERSAL	ASTM D882	%	620	650	675	700	720
PRESTRETCH	PRACTICE TEST	%	110 - 120	140 - 150	180 - 190	250 - 260	270 - 280
USE LIMIT UP TO							
YIELD STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	9	10	11	12	13
TRANSVERSAL	ASTM D882	N/sq.mm	8	9	9	11	11
TEAR STRENGTH (ELMENDORF)							
LONGITUDINAL	ASTM D1922	N/mm	30	40	50	70	80
TRANSVERSAL	ASTM D1922	N/mm	100	115	130	150	160
PUNCTURE RESISTANCE	OUR OWN		1370	1415	1520	1550	1600

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