

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	23	23	23	23	23
IMPACT STRENGTH	ASTM D1709	gr.	100	120	140	180	220
TENSILE STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	42	45	48	50	52
TRANSVERSAL	ASTM D882	N/sq.mm	29	30	31	33	34
ELONGATION AT BREAK							
LONGITUDINAL	ASTM D882	%	420	440	470	520	550
TRANSVERSAL	ASTM D882	%	770	790	830	840	850
PRESTRETCH	PRACTICE TEST	%	140 - 150	180 -200	240 - 260	290 - 310	310 - 340
USE LIMIT UP TO							
YIELD STRENGTH							
LONGITUDINAL	ASTM D882	N/sq.mm	12	13	14	15	16
TRANSVERSAL	ASTM D882	N/sq.mm	11	11	12	12	13
TEAR STRENGTH (ELMENDORF)							
LONGITUDINAL	ASTM D1922	N/mm	50	60	75	85	95
TRANSVERSAL	ASTM D1922	N/mm	140	160	180	190	200
PUNCTURE RESISTANCE	OUR OWN		1610	1650	1720	1800	1830

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