

DATA SHEET

PLAIN BIORIENTED POLYPROPYLENE FILM

Property		PL-X-20	PL-X-25	PL-X-30	PL-X-35	PL-X-40	Unit	Test Method
Thickness		20	25	30	35	40	μm	
Surface Weight		18.2	22.7	27.3	31.8	36.4	g/m ²	
Yield		54.9	44.1	36.6	31.4	27.5	m ² /kg	
Tensile Strength	MD	160	160	160	160	160	N/mm ²	ASTM D 882
	TD	250	250	250	250	250	N/mm ²	DIN 53455-6-5
Elongation at break	MD	180	180	180	180	180	%	ASTM D 882
	TD	70	70	70	70	70	%	DIN 53455-6-5
Surface Treatment		>=38	>=38	>=38	>=38	>=38	dyne/cm	ASTM D 2578
Heat Shrinkage	MD	4	4	4	4	4	%	BMS TT 02 (120°C-5min)
	TD	2	2	2	2	2	%	
Haze		1.2	1.2	1.5	1.5	1.5	%	ASTM D 1003
Gloss (45°)		90	90	90	90	90	%	ASTM D 2457
Friction Coefficient		0.6	0.6	0.6	0.6	0.6		ASTM D 1894 DIN 53375-A

MD = Machine Direction, TD = Transversal Direction.
 Above data are indicative

Marking of X grades:

figure: 0 -without treatment
 1 -treatment on inner side
 2 -treatment on both sides
 3 -treatment on outer side

REEL FORMATS

-core: 76, and 152 mm
 -outer diameter: max 800 mm

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