



Impex Global LLC

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TECHNICAL DATASHEET

BIORIENTED POLYPROPYLENE FILM, NOT HEAT SEALABLE, ONE SIDE TREATED

PIT

1. Layer 1- Surface treated polymer
2. Layer 2- Homopolymer
3. Layer 3- Homopolymer

Coextruded film designed for lamination with other films. Has low coefficient of friction on vertical and horizontal packaging machines, good moisture barrier, excellent gloss and transparency. Used in laminations for food product packaging such as powdered juice and applications that do not require an external seal

TECHNICAL SPECIFICATIONS

PROPERTIES	UNITS	VALUES				TEST CONDITIONS
Thickness	Mil	0.60	0.70	0.80	1.00	DIN 53370
	Micron	15	17	20	25	
Unit Weight	Lb/ ream	8.4	9.5	11.2	14.0	ASTM D 2673
	G/ M ²	13.7	15.5	18.2	22.8	DIN 53352
Yield	IN ² /LB	51.5	44.0	38.5	31.0	ASTM D2673
	M ² /KG	73.3	63.5	54.9	44.0	DIN 53352
Kinetic, Coefficient of Friction NT/ NT		<0.60				ASTM D 1894- E / DIN 53375
Treatment Level	Dynes/ cm	>38				ASTM D 2578
Dimensional Stability MD	%	- 3.5				248 °F, 5 min
	TD	%				120 °F, 5 min
Gloss (45)		>85				ASTM D 2457
Haze	%	<1.5				ASTM D 1003
Tensile Strength	MD	Lb / in ²				ASTM D 882
		N / mm ²				DIN 53455
	TD	Lb/ in ²				ASTM D 882
		N / mm ²				DIN 53455
Elongation at break	MD	%				ASTM D 882
	TD	%				
Water Vapor Transmission Rate	G/ 100 in ² / day G/ m ² / day	0.55	0.52	0.48	0.45	ASTMD 1249F
		8.5	8.0	7.5	7.0	

Films are supplied with external surface treatment

FURTHER SPECIFICATIONS ON REQUEST

MD MACHINE DIRECTION TD TRANSVERSE DIRECTION CI/CI Inner layer/ Inner Layer

NOTE : The above mentioned data have been obtained using standard test procedures on defines specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine/ decide a product's suitability for his / her own particular purpose. Impex Global LLC does not claim any responsibility of the product for any particular purpose.