



8708 W. Little York Road – Suite170 Houston TX 77040 USA  
 281-416-4449 Office or contact us info@impexglobalfilms.com  
**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 <sup>2</sup>	13.7	15.5	18.2	22.8	DIN 53352
Yield		IN <sup>2</sup> /LB	51.5	44.0	38.5	31.0	ASTM D2673
		M <sup>2</sup> /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	%	- 1.5				120 °F, 5 min
Gloss ( 45 )			>85				ASTM D 2457
Haze		%	<1.5				ASTM D 1003
Tensile Strength	MD	Lb / in <sup>2</sup>	19000				ASTM D 882
		N / mm <sup>2</sup>	130				DIN 53455
	TD	Lb/ in <sup>2</sup>	34000				ASTM D 882
		N / mm <sup>2</sup>	240				DIN 53455
Elongation at break	MD	%	180				ASTM D 882
	TD	%	50				
Water Vapor Transmission Rate		G/ 100 in <sup>2</sup> day	0.55	0.52	0.48	0.45	ASTMD 1249F
		G/ m <sup>2</sup> / day	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 defined 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 FILMS** does not claim and responsibility of the product for any particular purpose.