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BIORIENTED POLYPROPYLENE FILM LOW COEFFICIENT OF FRICTION

TWO –SIDE HEAT SEALABLE ONE- SIDE TREATED

PG BTF

Coextruded film of low sealing temperature and very low coefficient of friction designed for printing, lamination with other film or to be used as single layer.

Technical Specifications

PROPERTIES	UNITS	VALUES			TEST CONDITIONS
Thickness	mil	1.6	1.97	2.36	DIN 53370
	micron	40	50	60	
Unit Weight	lb/ ream	22.4	27.9	33.6	ASTM D 2673
	g/ m2	36.4	45.5	54.6	DIN 53352
Yield	in2/lb	19300	15500	12870.0	ASTM D2673
	m2/kg	27.5	22	18.3	DIN 53352
Kinetic Coefficient of Friction	NT/NT	0.23			ASTM D 1894- E / DIN 53375
Treatment Level	Dynes/ cm	38			ASTM 2578
Seal Strength	gm/ inch	400	500	500	SIGD0 01, 234°F, 1 seg, 14 psi
	N/ 15 mm	2.5	3	3.0	SIGD0 01, 112°C, 1 seg, 1 bar
Seal Initial Temperature (SIT)	NT/NT	221			SIGD0 03
		105			
Dimensional Stability	MD	-3.5			SIGD 0 02, 248 °F, 5 min SIGD 0 02, 120 °F, 5 min
	TD	-1.5			
Haze	%	1.7	2.4	2.4	ASTM D 1003
Gloss (45 °)		90			ASTM D 2457
Tensile Strength	MD	lb / in2	19,000		ASTM D 882
		n / mm2	130		DIN 53455
	TD	lb/ in2	34,000		ASTM D 882
		n / mm 2	240		DIN 53455
Elongation at break	MD	200			ASTM D 882
	TD	60			
Water Vapor Transmission Rate	g/ 100 in2/ day	70			ASTMD 1249F
	g/ m2 / day	4.5			

FURTHER SPECIFICATIONS ON REQUEST

MD Machine direction

TD Transverse direction

CI/ CI Inner layer/ Inner Layer

Films are supplied with external surface treatment

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.