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**TECHNICAL DATA SHEET**

**HIGH OPACITY WHITE PEARLESCENT, TWO-SIDE HEAT SEALABLE,  
 TWO-SIDE TREATED, BOPP FILM**

**LB WRA**

1. Layer 1- Copolymer with surface treatment
2. Layer 2- White pigmented homopolymer
3. Layer 3- Cavitated Homopolymer
4. Layer 4 - Homopolymer
5. Layer 3- Terpolymer of low seal temperature

High opacity, co-extruded film cavitated in its core layer, pigmented in one intermediate layer with outstanding yield and low static, to be used in laminated wrap-around labels of the roll fed type for flat wall bottles. It has an excellent behavior in automatic labeling machines.

**Technical Specifications**

PROPERTIES	UNITS	VALUES	METHOD
Thickness	mil	1.10	DIN 53370
	micron	28	
Unit Weight	lb/ ream	10.7	ASTM D 2673
	gms/ m <sup>2</sup>	17.4	DIN 53352
Yield	in <sup>2</sup> /lb	40.300	ASTM D2673
	m <sup>2</sup> /kg	57.4	DIN 53352
Kinetic Coefficient of Friction NT/NT		0.40	ASTM D 1894- E / DIN 53375
Treatment Level	dynes/ cm	38	ASTM D 2578
Dimensional Stability	MD %	- 4.0	SIGD 0 02, 248 °F, 5 min
	TD %	- 2.0	SIGD 0 02, 120 °F, 5 min
Opacity	%	75	ASTM D 1003
Gloss ( 45 ° )		70	
Tensile Strength	MD lb /in <sup>2</sup>	11500	ASTM D 882
	TD N/mm <sup>2</sup>	80	DIN 53455
	MD lb/in <sup>2</sup>	19000	ASTM D 882
	TD N / mm <sup>2</sup>	130	DIN 53455
Elongation at break	MD %	130	ASTM D 882/Din 53455
	TD %	50	

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.