



8708 W. Little York Road – Suite170 Houston TX 77040 USA  
 281-416-4449 Office or contact us info@impexglobalfilms.com

**TECHNICAL DATA SHEET**  
**PEARLESCENT CAVITATED BIORIENTED POLYPROPYLENE**  
**TWO-SIDE SEALABLE, ONE SIDE TREATED**

**PE BTS**

Pearlescent Bioriented polypropylene film, two side heat sealable, one side treated with a low seal temperature.

1. Layer 1 - Surface treated copolymer
2. Layer 2 - White cavitated homopolymer
3. Layer 3 - Terpolymer with low sealing temperature

Pearlised Cavitated Co-extruded BOPP Film in its core layer with low seal temperature. Designed for printing and to be used as single sheet.

**Technical Specifications**

Properties	Units	Values	Test Conditions	
Thickness	mil	2.40	DIN 53370	
	micron	60		
Unit Weight	lb/ream	25.20	ASTM D 2673	
	gms/m <sup>2</sup>	41.00	DIN 53352	
Yield	in <sup>2</sup> /lb	17,250	ASTM D2673	
	m <sup>2</sup> /kg	24.40	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	IMP 02, 248°F, 5 min	
	TD %	2.0	IMP 02, 120°C,5 min	
Seal Strength	gms/in	383	IMP 01, 248°F, 1Seg, 14 psi	
	N/15 mm	2.30	IMP 01, 120°C, 1seg, 1bar	
Seal Initial Temperature (SIT) NT/ NT	°F	221	IMP 03	
	°C	105		
Opacity	%	75	ASTM D 1003	
Gloss (45°)		55	ASTM D 2457	
Tensile Strength	MD	lb/in <sup>2</sup>	11,500	ASTM D 882
		N/mm <sup>2</sup>	80	DIN 53455
	TD	lb/in <sup>2</sup>	19,000	ASTM D 882
		N/mm <sup>2</sup>	130	DIN 53455
Elongation at break	MD %	130	ASTM D 882	
	TD %	50	DIN 53455	

MD Machine direction

TD Transverse direction

**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.