

BOLPHANE® BRI

Sustainable Solution –Ultrathin bi-oriented polyethylene made with recycled material

Bolloré's commitment to sustainability is evident in the new generation of packaging films. **BRI** utilizes post-industrial recycled material that is collected, regenerated and repurposed back into the **BRI** film.

Benefits of this process:

- ♦ Reduces the environmental impact– reduces waste.
- ♦ Conserving resources
- ♦ Lowers green house gas emissions
- ♦ Saving cost for businesses and end users.

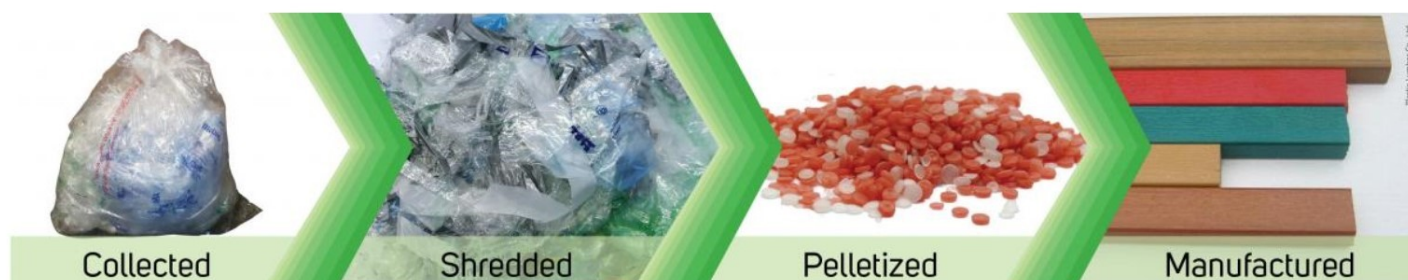
Advantages

- Exceptional strength and puncture resistance .
- Broad operating window on a wide range of equipment .
- Strong Seals
- Contains 30% of post-industrial recycled raw material.
- Perfectly adapted pack industrial and consumer goods.



The “Perfect Fit” for all your packaging film needs.





Post Industrial Recycling Process

Technical Properties	Test Unit	Test Method				
			BRi			
Presentation						
Gauge			50	60		
Roll Length Singlewound	FT		10500	8750		
Roll Length Centerfold	FT		5250	4375		
Width Singlewound	in	Min: 4in Max: 78in Increment .25in				
Width Centerfold	in	Min: 5in Max: 40in Increment 1in				
Friction Coefficients (Film to Film)						
Static		ASTM D1894	0.37	0.37		
Kinetic			0.18	0.18		
Optical Properties						
Haze	%	ASTM D1003-A	5	5		
Gloss at 20°		ASTM D2457	90	87		
Shrinkage Properties			LD*	TD*	LD*	TD*
Free Shrink at 200°F	%	ATSM D2732	17	17	16	22
Free Shrink at 260°F	%		59	58	60	60
Mechanical Properties			LD*	TD*	LD*	TD*
Stiffness modulus	Mpa	ASTM D882	650	750	700	750
Elongation at break	%	ASTM D882	67	90	85	100
Tensile strength	Kg/cm²	ASTM D882	1000	1000	1000	1000
Barrier Properties						
Water vapor transmission rate (73°F, 95% RH)	g/m²,24hrs	ASTM E96	21	19		
O2 transmission rate (73°F, 0% RH)	cm³/m²/24hrs / atm	ASTM D3985	9400	8000		

Contact Us

Give us a call for more information about our services and products

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