Bolphane®

BRi

BRi Sustainable Solutions

Technical properties	Test unit	Test Method	Values			
Presentation						
Gauge			50		60	
Roll Length - singlewound (S)	ft		10,500		8,750	
Roll Length - centerfolded (C)	ft		5,250		4,375	
Friction coefficients (film to film)					
Static	,	ASTM D1894	0.37		0.37	
Dynamic		ASTM D1894	0.18		0.18	
Optical properties						
Haze	%	ASTM D1003-A	5		5	
Gloss at 20°		ASTM D2457	90		87	
Shrinkage properties		J J	LD*	TD*	LD*	TD*
Free shrink at 93° C / 200° F	%	ASTM D2732	17	17	16	22
Free shrink at 120° C / 248°F	%	ASTM D2732	59	58	60	60
Shrink force	kg/cm ²	NFT 54-125	27	28	30	31
Mechanical properties			LD*	TD*	LD*	TD*
Stiffness modulus	Мра	ASTM D882	650	750	700	750
Elongation at break	%	ASTM D882	67	90	85	100
Tensile strength	Kg/cm ²	ASTM D882	1,000	1,000	1,000	1,100
Barrier properties						
Water vapour transmission rate	g/m²/24h 100°F, 95% RH	ASTM E96	21		19	
Oxygen transmission rate	cm ³ /m²/24h 73°F, 0% RH	ASTM D3985	9,400		8,000	
* LD = Longitudinal Direction * TD = Transversal Direction						



The characteristics and values of the products defined by this document are indicative values. It is the best information available to us and we believe it to be reliable. It is up to the user to verify their suitability for the various applications because performance can vary significantly depending on the implementation process. Unless explicitly stated, Bolloré reserves the right to modify the definition and properties of its products at any time.





Sustainable Solutions

BRi Ultrathin shrinkfilm on the basis of bi-oriented polyethylene (BO-PE) and recycled material.

- Exceptional strength and puncture resistance
- Broad operating window on a wide range of equipments.
- Strong seals.
- Perfectly adapted pack industrial and consumer goods.

The originality of BRi:

• Contains 30% of post-industrial recycled material.

Disposal

Options for disposal are recycling (compatible with SPI code 4/PE-LD), incineration with energy recovery and landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial and local regulations.

Food contact

Complies with EU and US regulations on food contact materials. See the « Declaration of Conformity » of concerned film reference for details.

Film storage

The maximum temperature for storage is 90° F, with a maximum of 80% RH, up to one year.



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