

### Description

- Bi-oriented non heat-sealable transparent polypropylene film, specially designed for laminated release applications.

### Properties

- Improved release properties in cold seal application vs. standard plain
- Low C.O.F. — not migratory slip agents
- Antistatic properties
- Good transparency and gloss
- Excellent printability and bond strength
- Silicone free (no cold seal contamination and better ink adhesion)

### Typical Applications

- Release layer in laminated structures with cold seal

### Safeguards

- Release notes for Vibac Europe films are available on request

#### NOTE:

Customers have to test release effect of the film in the real application conditions in order to verify the suitability of applications. Reference list concerning tested cold seals is available upon request.

### Typical values

PROPERTIES		UNITS	TEST METHODS	14*	20	25*	30*
Thickness		microns		12.74	18.20	22.75	27.30
Grammage		g/m <sup>2</sup>	DIN EN ISO 2286	78.49	54.95	43.96	36.63
Yield		m <sup>2</sup> /Kg	1/2/3				
<b>TENSILE PROPERTIES</b>							
Tensile strength	MD	N/mm <sup>2</sup>	ASTM D882 DIN EN ISO 527-1/3	160	160	160	160
Elongation	MD	%		170	170	170	170
Secant Modulus 100%	MD	N/mm <sup>2</sup>		115	115	115	115
Elastic Modulus 1%	MD	N/mm <sup>2</sup>		2100	2100	2100	2100
Tensile strength	TD	N/mm <sup>2</sup>		300	300	300	300
Elongation	TD	%		60	60	60	60
<b>OPTICAL PROPERTIES</b>							
Gloss 45°		%	ASTM D2457	95	95	95	95
Haze		%	ASTM D1003	1.7	1.7	1.8	1.9
<b>THERMAL STABILITY</b>							
Shrinkage (hot air 130°C - 5')	MD	%	OPMA TC4a	4			
	TD	%		1			
<b>COEFFICIENT OF FRICTION</b>							
Untr / Untr	dynamic		ASTM D1894	0.20			
Untr / Met	dynamic		DIN EN ISO 8295	0.20			
<b>CLING LEVEL</b>							
Untr / cold seal (Reference cold seal: Sovering 22-263)		g/25 mm	IOQ 824.100	60			
<b>TREATMENT</b>							
Surface tension		dynes/cm	ASTM D2578	38			

(\*) Thickness available upon request

### Description

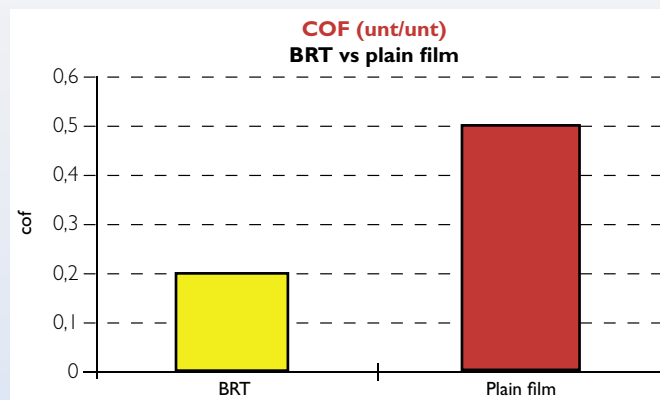
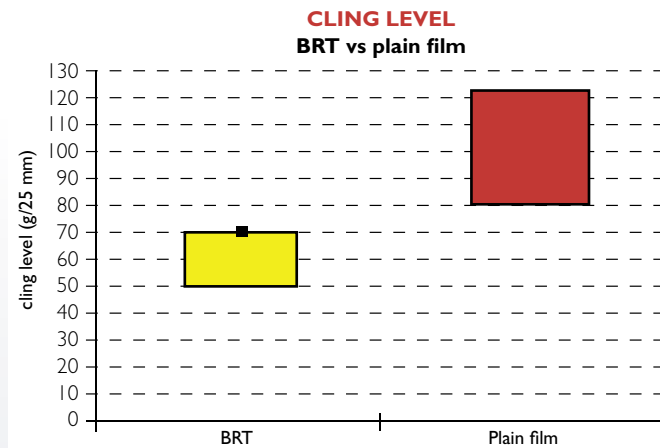
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#### Guidelines for storage of OPP film

No special conditions are required for the storage of OPP films but it is recommended that dry conditions below 30°C are employed to minimise any deterioration of surface discharge treatment level.  
 All OPP films should be allowed to reach operating room temperature for 24 hours before use.  
 Polypropylene films characteristics are maintained for 6 months from the date of production except for metallized layer surface tension.

#### Food contact

Vifan BRT complies with the requirements of EEC directives and FDA regulation.  
 Specific documentation and migration test results are available upon request.