FILS ET FILMS METALLOPLASTIQUES

La Feydelière -F-38850 Paladru
Tel: 33 (0)4 76 32 61 00
Fax: 33 (0)4 76 32 36 40
www.rexor.com

REXFILM PET J-405

I. DESCRIPTION

J-405 is a general-purpose polyester film.

II. NOMINAL THICKNESS

12 - 23 - 30 - 36 - 50 microns.

III. TYPICAL VALUES

PROPERTIES	UNIT	TEST METHOD	12	23	30	36	50
YIELD							
. Unit Weight	g/m²	ASTM D 374	17 ± 5 %	32 ± 5 %	42 ± 5 %	50 ± 5 %	71 ± 5 %
. Area Yield	m²/kg		59 ± 5 %	31 ± 5 %	24 ± 5 %	20 ± 5 %	14 ± 5 %
. Thickness variation	micron	ASTM D 374	± 5 %	± 5 %	± 5 %	± 5 %	± 5 %
OPTICAL PROPERTIES		ASTM D 1003					
. Haze GARDNER	%		5	5	7	7	8
. Total luminous transmission	%		85	85	85	85	85
MECHANICAL PROPERTIES		ASTM D 882					
. Breaking strength MD/TD	daN/mm²		> 19/20	> 19/20	> 19/20	> 19/20	> 19/20
. Elongation at break MD/TD	%		> 90/80	> 90/80	> 90/80	> 90/80	> 90/80
SHRINKAGE		ASTM D 1204					
. 150°C 30 mn MD	%		2.5	2.5	2.5	2.5	2.5
. 150°C 30 mn TD	%		0.5	0.5	0.5	0.5	0.5
COEFFICIENTS OF FRICTION		ASTM D 1894					
. Static side 1 / side 2			0.55	0.55	0.55	0.55	0.55
. Dynamic			0.50	0.50	0.50	0.50	0.50
ELECTRICAL PROPERTIES							
. Break down voltage	kV	ASTM D 149-81	5	6	7	8	9

IV. KEY FEATURES

Good handling properties.
Good transparency. Not too hazy film.

V. APPLICATION - MARKET

The **J-405** film is particularly suitable for wire and cable.
The **J-405** film complies with UL regulation.
The **J-405** film is approved by GE Silicones (Anchorsil 2000 ®).

VI. FOOD CONTACT

The **J-405** film complies with European legal requirements for food contact.

VII. STANDARD PRESENTATION OF THE ROLLS

Core (diameter) : 152mm (6')
Length: (Standard) 3000ml or multiple for 12µ.
Width: 350mm (minimum) // 1600 mm (maximum)
Other possibilities on request.

These values are typical performance data for Jindal Polyester Films and are believed to be accurate. These are given as a matter of information only. Jindal Polyester Ltd. suggests that customers confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accept any responsibility for the fitness of the product for any particular use.