

Technoflex

HEAVY DUTY PACKAGING FOR PRODUCTS WITH HIGH SEALING REQUIREMENTS

DESCRIPTION:

White or transparent coex material, made out of special rawmaterials, designed for production of heavy duty products with special requirements on sealability and runability. TECHNOFLEX is designed for running on both flatfilm and tubular film equipment. As a result of the excellent sealing properties you will be able to optimize your line speed, or reduce loss of non sealed bags. With Technoflex film it is even possible to seal through the product and maintain a strong good quality seal.

It is also possible to supply open mouth bags in this quality.

Due to the combination of the mechanical properties and the sealing properties, TECHNOFLEX is especially suitable for packaging of product that need to be packed absolutely leak free because of hygroscopic aspects or safety issues.



Advantages / Properties :

Material properties :

- Good mechanical properties
- High tearing resistance
- Excellent sealproperties
- High quality printing up to 10 colours

Runability :

- Suitable for FFS equipment
- Wide operating window
- Increased linespeed on FFS lines
- Suitable for cilinder driven FFS lines

Reduction :

- Thickness reduction possible up to 15%
- Reduces packaging waste and use of energy
- Reduces production costs

Purpose:

- Suitable for heavy duty products
- Examples : Cement, chemicals, Fertilizers



DATA-SHEET :

PROPERTIES		TEST METHOD	UNIT	Reference PE 100mu	TECHNOFLEX W10-100
Yield	MD	ASTM D882	N/mm ²	14.6	15
	TD			14.5	16.5
Elasticity	MD	ASTM D882	N/mm ²	358	430
	TD			427	525
Elonggation at break	MD	ASTM D882	%	482	650
	TD			651	700
Force at break	MD	ASTM D882	N/mm ²	29.8	36
	TD			28.7	34
Tear resistance	MD	Elmendorf	mN/μm	21.3	110
	TD			118.5	>120
VEM force		DIN 53443	N	190	160
COF		DIN 53375			0.4
TOLERANCES AND PROPERTIES					
Thickness : average = nominal +/-5% Width : average = nominal +/-2mm Printing: up to 10 colours, screen 48 to max. screen 54 and/or HD flexo, surface of reverse Reel winding : edge trimmed flat roll					

Before using, the customer must test this film for their specific purpose and equipment.

All technical data given here are approximated and only intend to provide you with general guidance for using this film, so it cannot be considered binding. Customer is responsible for determining whether products and the information in this document are appropriate for customer 's use and for ensuring that customer 's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. No freedom from any patent owned by Oerlemans Packaging and his affiliates or others is to be inferred. Oerlemans Packaging and his affiliates shall not be liable for any loss, damage or injury that may occur from the use of this information.