

Crispy

HIGH GLOSSY – BRIGHT – CRISPY LPDE FILM

Description:

Crispy stands for a crunchy, strong glossy quality.

Crispy film is a blend of the most modern granules which are extruded on our modern extrusion lines. As a result of the blend composition, the material is very stiff, and has a comparable presentation value to polypropylene. The customer will associate your product with freshness because of the crunchy feeling.

Crispy is very appropriate for a better shelf presentation of your products. It has got the optical and mechanical properties of a PE/PP laminate and furthermore, the material has the processing advantages of a traditional PE-film. Crispy film is perfectly workable on both PE-sealing systems and heatsealingsystems.

As a result of the high puncture resistance, reduction of thickness is possible from 20% to 25%!

ADVANTAGES/ PROPERTIES

Material

- Glossy.
- High contact clarity; comparable to PP
- Useful alternative for PE/PP laminates
- Crunchy effect increases the feeling of freshness
- Reduction of thickness achievable from 20% to 35%
- High quality printing up to 10 colors

Sealingproperties:

- Wide seal area
- Lower sealing temperature and higher line speeds than PP of LDPE
- Perfectly workable on:
 - Horizontal FFS-machines
 - Fast and modern packaginglines

APPLICATIONS:

- Breadpackaging
- Potato, vegetable and fruitpackaging
- Smallpackaging
- Automatic film for horizontal and vertical FFS-machines
- Packaging for an optimal presentation
- Substitute for laminate and polypropylene
- Graphical sector
- Deepfreeze packaging





DATA-SHEET:

Properties		TEST METHOD	UNIT	Reference standard PE 50mu	Crispy 50mu
Yield	MD	ASTM D882	N/mm ²	11	21
	TD			10	19
Elastic modulus (Stiffness)	MD	ASTM D882	N/mm ²	208	633
	TD			248	604
Elongation at break	MD	ASTM D882	%	409	495
	TD			612	567
Force at break	MD	ASTM D882	N/mm ²	31	46
	TD			30	43
Tear resistance	MD	Elmendorf	mN/μm	31	93
	TD			f	100
VEM force (puncture resistance)		DIN 53443	N	66	62
COF (outside/outside)		DIN 53375		0.2-0.25	0.2-0.25
TOLERANCES AND PROPERTIES					
Thickness : average = nominal +/-5%, arbitrary thickness = nominal +/-15%					
Width : average = nominal +/-2mm					
Printing : up to 8 colours, 48 lines/cm ² outside-printing					
Reel winding : edge trimmed flat roll					

Before using, you should test this film for its 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.

