

HOW TO READ A DATA SHEET

ANTI-FOG



This additive prevents the micro-condensation of humidity inside the film. The anti-Fog is not always necessary but it is often used with fresh products that release humidity, for example fresh pasta and cold cuts.

ANTI-UV



This filter basically counteracts the degrading action of the light, the heat and the UV rays. It is used for those products that tend to suffer from these effects such as exposition to light beams of refrigerators.

C.O.F. (COEFFICIENT OF FRICTION)



The coefficient of friction defines the machinability of the film by its ability to "slip". Through specific tests, it is determined whether this film can "slip" on its self and other surfaces.

EVOH



It is a material that combines different barriers properties to gas and water vapour. In addition to being defined according to its thickness, the degree of oxygen barrier can be defined according to the % of moles (27, 32, 38, 44 e 47%). This % can be defined according to the barrier that you want to obtain but also considering the humidity of the product we want to pack. Less the % of moles, bigger the barrier to gases.

HAZE (DEGREE OF TRANSPARENCY)



The degree of transparency is the capacity of a film to let the light pass through it. This capacity is measured in HAZE. Less the value of HAZE, better the transparency.

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MOCA

The food safety is an increasingly central issue.

A delicate and strategic subject is the one concerning the MOCA: the materials in contact with foodstuff. The composition of MOCA is regulated by several constantly updated standards that can be summarized: "all materials and objects must be manufactured according to good manufacturing practice and, in normal conditions, they must not transfer any components in quantities which could be dangerous to the human health".

PEELABLE

This type of film gives the consumer the possibility to open a package without using any sharp object. There are many ways to obtain a peelable film, according to customer requests.

SEALABLE

This type of film instead, guarantees that the container will remain closed until the top film/lid will be cut. According to the different types of materials used, there are different kinds of sealability.

O.T.R. RATE

The O.T.R. rate determines the speed of the oxygen to pass from the outside, inside of the container. This parameter is highly influenced by temperature and humidity. It is important then to check it in standard conditions which are at a temperature of 23°C with 65% of humidity.

W.T.R. RATE

This value indicates instead the speed of the water vapor to permeate a film and is significant for the packaging of dry products so that they do not absorb humidity and those that are humid so that they do not release it. Also, this data is influenced by temperature and by the ambient humidity.