



mopaque

The mo-films Polyolefin® Type MOPAQUE is a premium shrinkfilm based on Polyethylen, equipped with a high quality Polypropylen sealing layer. The bounded color within the outside layers of black and white, generate an opaque wrapping from already 25 µm.

The Type MOPAQUE has extremely high values for puncture resistance and tensile strength. Combined with a high shrinkage rate, MOPAQUE could be used for shrinking and bag sealing applications. As the suitability for parcel shipping is guaranteed and the discretion of your products is given, this film is a must have for online retailers.

mofilms®
POLYOLEFIN

MOPAQUE

puncture resistance	_____	10/10
shrink rate	_____ 6/10	
shrinking strength	_____ 8/10	
transparency	0/10	
sliding properties	_____ 3/10	

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mo opaque

	Unit	Typical values			Test method
CHARACTERISTICS					
STRENGTH	µm	25	30	38	ASTM D-374(C)
DENSITY	g/cm ³	0,920	0,920	0,920	
YIELD	m ² /kg	43,5	36,2	28,6	
LENGTH					
SINGLE WOUNDED	m	1.600	1.280	1.052	
CENTER FOLDED	m	800	640	526	
WIDTH					
SINGLE WOUNDED	mm	AS REQUIRED (150 - 2000)			
CENTER FOLDED	mm	AS REQUIRED (150 - 2000)			
CORE DIAMETER	mm	76 mm			

FILM PROPERTIES

TENSILE STRENGTH	N/mm ²	105/105	115/115	130/130	ASTM D-882
ELONGATION	%	120/120	120/120	130/130	ASTM D-882
TEAR PROPAGATION RESISTANCE	g/cm ³	24.3	30.7	36.3	ASTM D-1922
SEAL STRENGTH	180°CN/15mm	26.3	28.3	32.8	ASTM F-88
FREE SHRINK (120-140°)	%	61/62	61/62	61/62	ASTM D-2732
KINETIC COEFFICIENT OF FRICTION	film/film	0.14	0.15	0.18	ASTM D-1894

FOOD LAW APPROVAL

The polyolefin shrink film MOpaque does meet the guidelines of the American FDA standards, as well as the European regulations (EG)1935/2004 and (EU)10/2011, it is therefore suitable for direct contact with food.

STORAGE CONDITIONS

For long time storage (more than 6 months), we suggest the following storage conditions:

- Storage Temperature from +15 to +25 °C.
- Room humidity from 50 to 70% relative humidity
- Goods, also if they are in origin packing, should not be exposed by any sun and UV-rays.
- Individual roles should be stored at least for 24 hours before use in the particular climatic conditions, in the production or processing area. In the cold season, at least 48 hours in advance.
- Do not store near heaters.
- Goods must be absolutely and at all times be protected from frost.