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PRODUCT DATA SHEET



POLYOLEFIN SHRINK FILM



SYTEC MVP FILM is a versatile shrink film for a wide range of packaging applications.

This crosslinked, low shrink film is especially suitable where low shrinkage temperatures and high shrinkage speeds are required.

is a shrink film

with versatile performance

and low shrink force

SPECIAL FEATURES

- user-friendly
- conforms to any product shape

SHRINK & SEAL PROPERTIES

- quick shrinkage at low temperature
- outstanding stability
- low shrink force
- strong seals

PROPERTY	UNIT	METHOD	NOMINAL VALUES	
density	g/cm ³	ASTM D-1505	0.918	
haze	%	ASTM D-1003	5	
gloss 45°	%	ASTM D-2459	86	
tensile strength	N/mm ² PSI	ASTM D-882	MD 70 10,150	TD 80 11,600
elongation	%	ASTM D-882	MD 106	TD 90
shrinkage at 120°C oil bath - 5 sec	%	Syfan method	MD 74	TD 72
tearing resistance	g/25 □	elmendorf	MD 60	TD 35
coefficient of friction		film/film	<0.25	
MVTR (75G)	g / 100 in ² /24hr @ 90% /RH 99° F	E-96	1.6	
O ₂	cc / 100 in ² /24hr 1 atm @ 77° F	D-3985-81	490	
CO ₂	cc / 100 in ² /24hr 1 atm @ 77° F	Gas Chromatograph	2015	

gauge		45	60	75	100
yield	in ² /lb	67555	51060	40310	30755
reel length	ft (flat)	11660	8750	7000	5240
	ft (c/f)	5830	4375	3500	2620
nominal thickness / microns		11.2	15	19	25
yield	m ² /kg	95	73	57	44
reel length	SW/m	3560	2650	2134	1600
	CF/m	1780	1325	1067	800

FOOD CONTACT



complies with the requirements & regulations which state that materials may be safely used in food contact and non-food applications. These specifications are described in the FDA code Title 21 para. 177.1520 and in the EC Commission Directive No. 90/128/EEC.

SAFETY & ENVIRONMENT

SYFAN SYTEC SHRINK FILMS contain no CFC's nor any residues of the heavy metals Sb, Cr, As, Pb, Ba, Cd, Ag, Se. The gas generated during sealing of SYTEC SHRINK FILM is comprised of hydrocarbon derivatives of the pure raw material and contains no harmful substances, irritants, or chlorine derivatives.

SYFAN -SAAD has been ISO-9001:2000 certified since June 1994.



should be stored in a cool, dry environment away from direct sunlight.
Maximum storage temperature: 25^oC / 77^oF.

The above table is based on test data believed to be reliable. Since it is not possible to anticipate the different and varying conditions under which SYFAN films may be used, purchasers are advised to carry out their own tests to determine the suitability of SYFAN products for their specific purposes

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