

MYLAR® OL22

DESCRIPTION:

MYLAR® OL22 is a one side heat sealable polyester film. It can be heat sealed to itself and heat seals well to thermoformed APET/CPET trays and APET coated board. It also seals well to other substrates including PVdC, PVC, paper and aluminum foil, but will not seal to polyolefins. The Plain or non-heat seal surface of OL22 exhibits the properties of standard polyester

CHARACTERISTICS

- Outstanding hot tack properties
- Excellent thermal properties in freezer to oven applications
- Can be used to contain foods during oven cooking or oven baking at temperatures above 250° F
- Exceptionally wide seal range
- Chemically resistant sealant surface

FDA STATUS:

Manufactured with material compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	100	-
Yield	in ² /lb	16,500	-
Tensile Strength MD at break	psi	27,000	ASTM D882A
Tensile Strength TD at break	psi	29,000	ASTM D882A
Elongation at Break MD	%	100	ASTM D882A
Elongation at Break TD	%	90	ASTM D882A
Gas Permeability O ₂ , 24 hr	cc/100in ²	3.1	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in ² /day	1.1	ASTM F1249 38°C, 90% RH
C.O.F (dynamic) A-B		0.50	ASTM D1894 (untreated to treated)
Heat Seal Strength (HS/HS)	g/n	500	285°F, 40 PSI, 1 sec. HS/HS
Heat Seal Temp. Range	220-400	°F	
Shrinkage MD (190°C)	%	3.5	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	%	1.0	Unrestrained @ 190°C/5 min

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