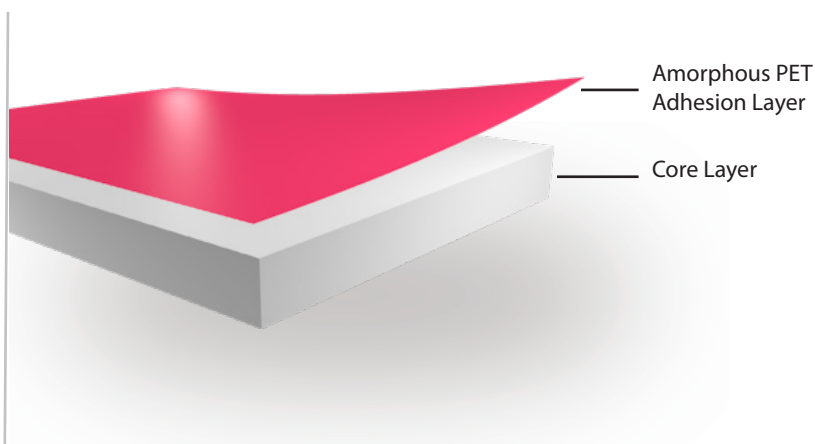


LUMIRROR[®] GA10

Applications

- Gamma Sterilization
- Medical Packaging



Lumirror GA10

TWO LAYER PET FILM,
ONE SIDE FOR ADHESION
PROMOTION

Summary

GA10 is a polyester film designed for gamma sterilization and medical packaging. One side is modified to improve adhesion in printing and laminating applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES				
Thickness		-		25	32	36	44	48
Nominal Yield		-	in ² /lb	79,100	61,800	55,700	44,900	41,200
F-5	MD	ASTM D882	lb/in ²	15,200	15,800	15,600	15,600	15,600
	TD			13,500	14,400	14,400	14,500	14,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	37,700	39,700	40,300	40,700	40,700
	TD			34,600	36,300	36,100	36,700	36,700
Young's Modulus	MD	ASTM D882	lb/in ²	547,600	743,900	738,200	733,900	733,900
	TD			624,400	732,500	739,600	749,600	749,600
Elongation at Break	MD	ASTM D882	%	90	100	100	110	110
	TD			100	110	110	120	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.8	2.4	2.4	2.2	2.2
	TD			1.6	1.4	1.1	1.0	1.0
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.8	0.6	0.5	0.4	0.4
			μ _D	0.7	0.5	0.5	0.4	0.4
Haze (1 sheet)		ASTM 1003	%	2.9	3.2	3.3	3.6	3.6
MVTR - 100 °F, 90% RH		ASTM F1249		5.6	4.4	3.9	3.2	2.9
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985		15.4	12.0	11.0	9.0	8.0

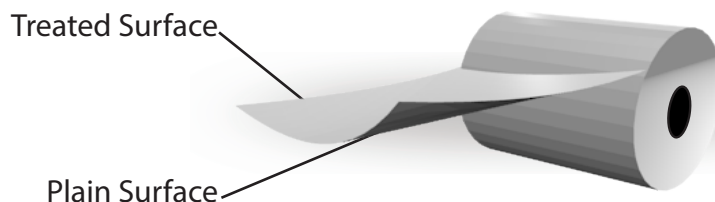
Key Features

- Excellent tensile and elongation properties after gamma irradiation sterilization
- Good machinability due to surface roughness properties
- Improved adhesion of inks, adhesives, cohesives and polyethylene on the modified surface
- Excellent dimensional stability at higher temperatures
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications
- Drug Master File listed #17749

Similar Products

- GA66
- GA25

Winding Direction



* These values do not constitute specific binding specifications

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