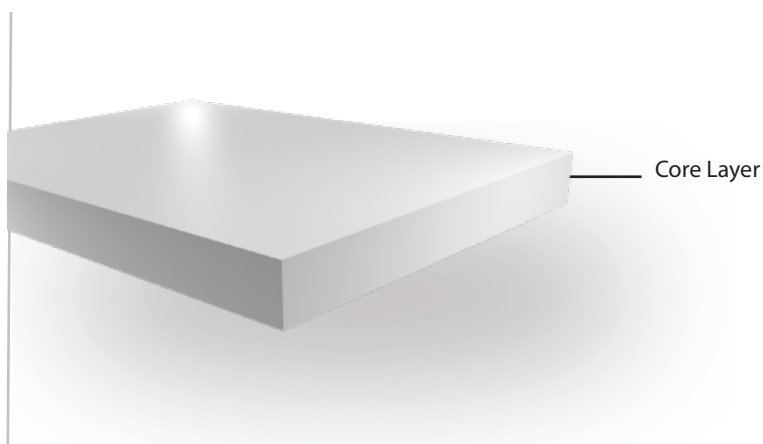


LUMIRROR[®] PA66

Applications

- Packaging



Lumirror PA66

MONO LAYER PET FILM FOR PACKAGING APPLICATIONS

Summary

PA66 is a plain transparent polyester film designed for packaging applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES			
Thickness		-	micron	12.2	19.1	23.4	50.8
Nominal Yield		-	m ² /kg	58.5	37.4	30.5	14.1
F-5	MD	ASTM D882	Mpa	104	106	103	105
	TD			96	94	97	97
Tensile Strength at Break	MD	ASTM D882	Mpa	244	243	212	179
	TD			236	226	242	209
Elongation at Break	MD	ASTM D882	%	130	130	160	180
	TD			120	140	130	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.6	1.5	1.4	1.3
	TD			0.3	0.2	0.2	0.2
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_s	0.4	0.4	0.4	0.4
			μ_b	0.3	0.3	0.3	0.3
MVTR - 38 °C, 90% RH		ASTM F1249	g/m ² /day	45.0	29.5	21.7	10.1
O ₂ Barrier - 23 °C, 0% RH		ASTM D3985	cc/m ² /day	124.0	77.5	62.0	27.9

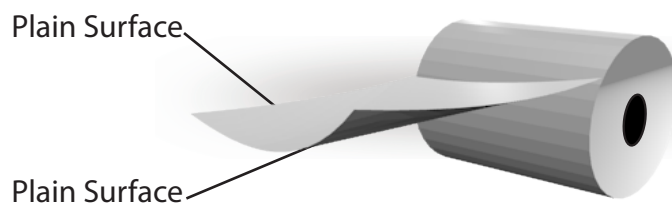
Key Features

- Excellent mechanical properties
- Good machinability due to surface roughness properties
- 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

- PA10

Winding Direction



* These values do not constitute specific binding specifications

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