

Gloss Clear Acetate

Code : GA5

A clear Cellulose Acetate film containing anti-block slip additives and having a high gloss finish. This material can be printed by flexographic, letterpress, gravure, hot foil stamping and offset litho processes and can also be used for thermal transfer applications when used with compatible TT systems.

TYPICAL PROPERTIES	MEASUREMENT	TARGET	RANGE
Caliper	μ	50	+/- 3
Substance	gsm	65.5	
Tensile heat distortion temperature	°C	140	
Linear heat shrinkage 15 mins @ 112°C - ASTM D1204			
MD	%	1.0 → 2.0	
TD	%	0.4 → 1.2	
Yield strength - ASTM D882	MPa	58	+/- 9
Tensile strength - ASTM D882	MPa	90	+/- 25
Elongation at break	%	20 - 45	
Elastic modulus in tension	kg/sq cm	28000	
Mullens bursting strength	Kpa	500	
Elmendorf tear - ISO 1974/8 samples	mN	65 → 120	
Haze levels ASTM D1003-61 spherical hazemeter	%	< 4.0 typically 1.0 → 2.0	
Luminous transmittance ASTM D10031-61	%	90 → 93 Not less than 85	

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