

S U P T H E R M**7372**

TECHNICAL INFORMATION

Description

SUPTHERM 7372 is a one side matt, BOPP film for thermal lamination applications. One side is specially formulated to give high lamination strength by applied heat. Both sides treated.

Properties

- *Excellent adhesion to laminate substrate by applied heat
- *No solvent and/or chemical release during lamination
- *Excellent matt finish surface on non coated surface
- *Improved antistatic property
- *Good dimensional stability
- *Resistance to chemicals, greases and oils
- *Excellent ink and coating adhesion to non coated surface
- *Excellent mechanical properties

Applications

Matt thermal lamination with printed or non printed substrates like book covers, cartons, boxes, bags, posters and papers. Matt finish layer gives non-reflective surface and is treated for additional print and coating.

Caution

Care must be taken to keep the rolls in cool and dry places and not to expose to direct sunlight due to lower activity temperature property of special layer

BOPP TECHNICAL PROPERTIES				
SUPTHERM 7372				TEST METHOD
THICKNESS	micron		27	ASTM D 2673
	Gauge		108	
YIELD	m ² /kg		40,3	ASTM D 2673
	in ² /Lbs		28334	
TENSILE STRENGTH	MD	N/mm ²	160	ASTM D 882
		lb/in ²	23187	
	TD	N/mm ²	270	
		lb/in ²	39128	
ELONGATION AT BREAK	MD	%	180	ASTM D 882
	TD	%	75	
THERMAL SHRINKAGE	MD	%	4	ASTM D 1204
	TD	%	2	
COEFFICIENT OF FRICTION (COF)	A / B		0,80	ASTM D 1894
	A / Metal		0,25	
HAZE	%		95	ASTM D 1003
GLOSS (45°)	A		10	ASTM D 2457
	B		10	
SURFACE TENSION	Dyn/cm		38/38	ASTM D 2578
ACTIVITY TEMPERATURE	°F		176 - 266	ASTM F 88
	°C		80 - 130	
LAMINATION STRENGTH TO PAPER	N/15mm		6	ASTM F 904