

Product: Netcal CS - Printable Clear Gloss PVC

Category: Folio Papers - Synthetic

Country of Origin: China

Technical specifications:

Description

- NETCAL CS is a Gloss Clear Rigid PVC Sheet especially designed for general sheet fed printing applications where high stiffness, transparency and a high gloss finish are required of the end use Surface treatment facilitates adhesion to selected screen and offset ink systems and other post print processes.

Characteristics

- Excellent printability - adhesion and lamination
- High stiffness, toughness, impact resistance and transparency
- Excellent resistance to chemicals
- Suitable for use in food contact applications - non toxic formula
- Easy cutting, folding and creasing

Treatment

- Both sides

Standard thickness

- 180, 250, 500, 750 UMS

Standard sheet size

- 760mm x 1020mm (other sheet sizes available)

Applications

- Shelf wobblers
- Printed overlays
- Corporate covers

PROPERTIES		UNIT	RESULT	TEST METHOD
GENERAL				
Gauge		%	± 5	MICROMETER
Surface Tension	A	Dyne	42	ASTM - D2578
	B		42	
Gloss Level (60°)	A	-	80 (min)	ASTM - D523
	B		-	
MECHANICAL				
Tensile Strength	MD	Kg/cm ² (min)	450	JIS K-6734
	CD		400	
Elongation	MD	%	100	JIS K-6734
	CD		80	
Falling Ball Strength		Lb-in/mil	2.5 - 5.0	ASTM - D2749
Yield		Squ.mtr / kg	2.96	-
Density		-	1.35	ASTM - D792
THERMAL				
Heat Distortion Temp.		-	73 ± 2°C	ASTM - D1525
Shrinkage 150°C @ 10min	MD	%	-15	ASTM D - 1204
	CD		+2.5 (max)	