

# EVACAST<sup>®</sup> N16

## TECHNICAL INFORMATION

EMBOSSING:	Top side = sand	DENSITY : 0.91	
	Bottom side = pearl		
THICKNESS:	From 330 µm to 2000 µm		
	Tolerances: from 330µm to 500µm	- 30µm / + 20 µm	
		From 600 µm to 2000 µm	- 50 µm / + 30 µm
SIZE:	sheet tolerances: - 0 mm / + 5 mm		
	Squareness: 2 mm maximum		
COLOURS :	Hundreds of opaque colours available. Colour match service is also offered.		

Thickness	330	500	800	1200
Impact resistance				
ISO6603/2 -10°C			117	130
+16°C			1027	1730
Stiffness (g.cm) MD	24	75	245	795
NFQ03048 TD	17	68	220	755
Tear resistance MD	9	13	20	30
NFT54108 (daN)TD	15	20	32	45

## ENVIRONMENTAL INFORMATION

Constituents of materials:	Polypropylene. All broke is recycled and can be as high as 30%.
Bleaching:	EVACAST <sup>®</sup> N16 is unbleached, therefore containing no Chlorine or Halogens, and is Totally Chlorine Free (TCF) giving zero AOX.
Ozone depleting substance	EVACAST <sup>®</sup> N16 is free from ozone depleting substance such as CFC.
Disposal of waste by-products:	Landfill adhering to strict local laws. Only inert non-toxic waste. 100% recyclable and does not release harmful substances if burned.
Mill effluent:	EVACAST <sup>®</sup> N16 is a dry production process, and as a result there is no pollution or drain of the water table.
Energy source:	Electricity.

## TECHNICAL CAPABILITY

Printing process:	Litho UV and Silkscreen. The corona treatment (both sides) for UV litho/screen is guaranteed for 3 months after manufacture. GT is recommended for automatic feeding (Litho/screen)
Printing inks:	Use inks for plastics (ink suppliers can advise). When screen printing your ink supplier can recommend the best ink for each application.
Hot foil blocking:	Yes
Food contact/toy safety:	The stock colour range of EVACAST <sup>®</sup> N16 is suitable for direct contact under ECC directive 90/128 and complies with the EN 71/3.
Cutting and creasing:	Allow the product to acclimatise to room temperature. Creasing should be done on a flat bed and lengthens the materials.
Chemical resistance:	Resistance to water, oily substances and most chemical products. When any PP (including EVACAST <sup>®</sup> N16) is in contact with paper/board (e.g. covers, dividers) some conventional paper/board inks can distort the PP. Check with your ink supplier and perform trials.

10/01/00

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