

Material Description: 38 μ metallized, cavitated BOPP film with holographic design

Product Code: CSW E BOPP cv holo

Product Data Sheet						
PROPERTIES	ITEM		UNIT	MEASUREMENT	Observation	TEST METHOD
Physical	Design			pattern catalogue		as requested
	Width		mm	+/- 1 mm		as layout
	Thickness of holographic film		μ	38 μ +/- 1 μ		Internal
	Coefficient of Kinetic Friction (In/Out)		μ_d	<0.5		ASTM D 1894
	Density		g/cm ³	0.75		ASTM-D-1505
	Yield		m ² /kg	35.1		ASTM-D-1505
	max. possible width		mm	1250		Internal
	Wetting Tension	Metal Side		Dyne/cm ²	>38	
Film side			Dyne/cm ²	>38	N.A.	ASTM D 2578
Mechanical	Tensile Strength	MD	Kg/cm ²	min. 900		ASTM D 882
		TD	Kg/cm ²	min. 1800		
	Elongation	MD	%	max. 200		ASTM D 882
		TD	%	max. 60		
Thermal	Heat Shrinkage	MD	%	max. 5		ASTM D 1204
		TD	%	max. 3		
Optical	Aluminum deposition thickness		O.D.	2 \pm 10%		OEM Method
Odor				No odor		Internal
Federal Regulation Approval	Heavy Metals: Yes Toy Safety: Yes Indirect Food: Yes Direct Food: Yes					

WARRANTY: All data obtained through ASTM standards and are typical and should not be used for specification purposes. Because of the variety of possible uses, the buyer should test the suitability of each intended use. The buyer assumes all risks in connection with such use. CSW will not be liable for damages in excess of the purchase price of products or for incidental or consequential damages. CSW warrants the products to be free from defects in material and workmanship.

The information contained herein is to be used only as a guide for using our film. The specification & characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment of its suitability to their end use. CSW does not offer any guarantee on the results & does not accept any liability arising out of the use of the information contained herein.

The processability of the film is maximum specified 1 year after production date.