



Impex Global LLC

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TECHNICAL DATA SHEET

PVDC COATED BIAXIALLY ORIENTED NYLON FILM

BNYL PBX

One side PVDC Coated transparent polyamide film suitable for flexographic and rotogravure printing on PVDC side. This film is PVDC/PVDC sealable and allows pasteurization heat treatment. This product complies with FDA and European regulations for food packaging.

Technical Specifications

PROPERTY	TEST METHOD	UNIT/S	68 GAUGE	
PRODUCT CODE			BNYL-PBX-15	
Average Gauge		gauge	68 ± 2.0	
Specific Weight		gms/cm ³	1.15	
Tensile Strength	MD TD	ASTM-D-882	kg/mm ²	24.0 (min) 24.0(min)
Elongation at Break	MD TD	ASTM-D-882	%	90.00 (min) 90.00(min)
Modulus of Elasticity	MD TD	ASTM-D-882	kg/mm ²	280.0 (min) 280.0(min)
Shrinkage at 150°C/ 30 min.	MD TD	ASTM-D-1204	%	1.5+/-0.5
Oxygen Vapor Transmission Rates (O ₂ TR)		ASTM-D-3985	cc/sqm/24h/atm	9.0 (max)
Water Vapor Transmission Rates (WVTR)		NFH 0044	gms/sqm/24h	9.0 (max)
Seal Strength (PVDC // PVDC)		140°C, 1.6 bar, 1"	cN/38 mm	120 (min)

MD Machine Direction

TD Transverse Direction

NOTE: The above-mentioned data have been obtained using standard test procedures on defined specimens, and are provided in good faith. These results should therefore be regarded only as a general guide to material properties. It is for the customer to determine / decide a product's suitability for his / her own particular purpose. Impex Global LLC Does not claim any responsibility of the product for any particular purpose.