

# GEO-DAKOTA B30BW

3 Layer Co-Extruded High Performance LLDPE



## Product Description

GEO-DAKOTA B30BW is a geomembrane consisting of a select blend of linear low density polyethylene (LLDPE) containing carbon black and ultraviolet inhibitors to ensure protection against harmful UV degradation. High Performance LLDPE provides superior elongation impact strength and excellent tear resistance. GEO-DAKOTA B30BW does not contain plasticizers or additives that can leach to the surface causing premature aging.

## Product Use

GEO-DAKOTA B30BW High Performance LLDPE is used in applications demanding outstanding puncture and impact performance in lighter gauge materials without sacrificing overall properties found in heavier gauge standard LLDPE materials. GEO-DAKOTA B30BW has excellent UV and chemical resistance properties, and is a highly flexible membrane for use in uneven or unstable subgrades that will conform to its surroundings.

## Size & Packaging

GEO-DAKOTA B30BW panels can be fabricated up to 45,000 sq ft. All panels are accordion folded and rolled on a heavy duty core and protectively wrapped and core plugged for shipment.



B30B Blown LLDPE Film

Product	Part #
GEO-DAKOTA.....	B30BW

## APPLICATIONS

Oilfield Pit Liners	Leachate Collections Ponds
Frac Tank Liners	Brine Ponds
Wastewater Treatment Lagoons	Canal and Reservoir Liners
Farm Ponds	Interim Landfill Caps
Soil Remediation Liners	Golf Course and Decorative Ponds

# GEO-DAKOTA B30BW

3 Layer Co-Extruded High Performance LLDPE



## PRO-FORMA DATA SHEET

		B30BW
PROPERTIES	TEST METHOD	Typical Properties
APPEARANCE		Black / White
THICKNESS, NOMINAL		30 mil
WEIGHT		150 lbs/MSF
*TENSILE STRENGTH	ASTM D6693	154 lbf
*ELONGATION AT BREAK (FILM BREAK)	ASTM D6693	1050 %
*TEAR RESISTANCE	ASTM D1004	23 lbf
PUNCTURE RESISTANCE	ASTM D4833	67 lbf
IMPACT RESISTANCE	ASTM D1709	> 4500 grams
VOLATILE LOSS	ASTM D1203	< 1 %
DIMENSIONAL STABILITY	ASTM D1204	< 2 %
CARBON BLACK	ASTM D1603	2.5 %
MAXIMUM STATIC USE TEMPERATURE		180° F
MINIMUM STATIC USE TEMPERATURE		-70° F

\*Tests are an average of MD and TD directions.

### PRO-FORMA Sheet Contents:

The test values listed in this Pro-Forma data sheet are representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

GEO B30BW is a geomembrane consisting of a select blend of linear low density polyethylene (LLDPE) containing carbon black and ultraviolet inhibitors to ensure protection against harmful UV degradation. High Performance LLDPE provides superior elongation, impact strength and excellent tear resistance. GEO B30BW does not contain plasticizers or additives that can leach to the surface causing premature aging.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GeoCHEM, Inc. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage

GeoCHEM, INC. / Engineered Films Division  
Sales & Procurement Center - Phone No. (907) 562-5755 ~ Fax No. 206.219.3740  
WA State Sales - Phone No. (206) 774.8777 ~ Toll Free: 1 (800) 490.5320  
GeoCHEM Website: <http://www.geocheminc.com>  
Contact Us: <http://www.geocheminc.com/contactus.php>