



PerformancePipe.com

DRISCOPLEX® 1000

HDPE PIPE DATA SHEET

DriscoPlex® 1000 Pipe meets or exceeds:

ASTM F714 (4" and larger)
ASTM D3035 (up to 3")
ASTM D3350, cell classification PE445574C
PPI TR-4 designation PE4710

DriscoPlex® 1000 Pipe for:

Non-Potable, Non AWWA Water
Irrigation, Industrial, Agriculture
Iron Pipe Size (IPS) ¾" to 54" Solid Black 40' and 50' Jts
500' coils available in sizes through 6"

NOMINAL PIPE PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE PE4710
Density	gms / cm ³	ASTM D1505	0.960 (black)
Melt Index (MI) Condition 190°C / 2.16kg	gms / 10 minutes	ASTM D1238	0.08
Hydrostatic Design Basis 73° F (23° C)	psi	ASTM D2837	1600
Hydrostatic Design Basis 140° F (60° C)	psi	ASTM D2837	1000
Color: UV Stabilizer [C]	---	ASTM D3350	Min 2% Carbon Black
NOMINAL MATERIAL PROPERTIES ^{(1) (2)}	UNIT	TEST METHOD	VALUE PE4710
Flexural Modulus 2% Secant – 16:1 span: depth. 0.5 in / min.	psi	ASTM D790	>120,000
Tensile Strength at Yield	psi	ASTM D638 Type IV	>3500
Elongation at Break 2 in / min., Type IV Bar	%	ASTM D638	>700
Elastic Modulus	psi	ASTM D638	>175,000
Hardness	Shore D	ASTM D2240	62
PENT	hrs	ASTM F1473	>500
Vicat Softening Temperature	°F	ASTM D1525	256
Brittleness Temperature	°F	ASTM D746	< -103
Thermal Expansion	in / in / °F	ASTM D696	1.0 x 10 ⁻⁴

1. This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or piping products to be supplied.
2. Values obtained from tests of specimens taken from piping product may vary from these typical values.

When Performance Matters Rely on
Performance Pipe

Bulletin: PP103 / August 2010

© 2009 Chevron Phillips Chemical Company LP

Performance Pipe, a division of Chevron Phillips Chemical Company LP | 5085 W. Park Blvd | Suite 500 | Plano, TX 75093 | Phone: 800-527-0662 | Fax: 972-599-7348

This data sheet provides typical properties for Performance Pipe piping products. Before using this product, the user is advised and cautioned to make their own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is application to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, allegedly arising from any usage of any trade or from any course of dealing in connection with the use of information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user. The data sheet may change periodically. Visit www.PerformancePipe.com for the most current data sheet.