


PerformancePipe.com

DRISCOPLEX® 4600 (IPS) / 4700 (DIPS)

SOLID GRAY HDPE PIPE DATA SHEET

DriscoPlex® 4600/4700 Pipe meets:

ASTM F714
ASTM D3350 cell classification PE445574E
PE 4710

DriscoPlex® 4600/4700 Pipe for:

Sanitary, Treated, Storm Water Sewage
Pipelines requiring video inspection capability
4600 Series Iron Pipe Size OD (IPS) 4" to 54"
4700 Series Ductile Iron Pipe Size OD (DIPS) 4" to 42"
Solid Gray/Green Striping Available
Outdoor Storage up to two (2) years

NOMINAL PIPE PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
Density	gms / cm ³	ASTM D1505	0.950 (Gray)
Melt Index (HLMI, 190°C / 21.6kg)	gms / 10 minutes	ASTM D1238	9.0
Hydrostatic Design Basis 73°F (23°C)	psi	ASTM D2837	1,600 psi
Hydrostatic Design Basis 140°F (60°C)	psi	ASTM D2837	1,000 psi
Color: UV Stabilizer	---	ASTM D3350 [E]	Gray, UV Stabilized
NOMINAL MATERIAL PROPERTIES ⁽¹⁾	UNIT	TEST METHOD	VALUE
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	3,500
Elongation at Break 2 in / min., Type IV Bar	%	ASTM D638	700
Elastic Modulus	psi	ASTM D638	175,000
PENT	hrs	ASTM F1473	>10,000

1. These are typical values and do not represent specific manufacturing requirements. Values are obtained from tests of specimens taken from compression molded plaques or piping products. The actual results may vary from these typical values.

When Performance Matters Rely on
Performance Pipe

Bulletin: PP102 / Dec 2020

© 2020 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.

Page 1 of 1