



# ***Crumpler Plastic Pipe, Inc.***

## ***Manufacturers of Corrugated Plastic Drainage Pipe***

PHONE 910-525-4046

POST OFFICE BOX 2068  
ROSEBORO, NORTH CAROLINA 28382-2068

### **Single Wall Products**

#### **EPA LEED Qualified Corrugated Polyethylene Pipe Specification**

<b><u>Material</u></b>	<b>Inside Diameter</b>	<b>Outside Diameter</b>	<b>Elongation</b>	<b>Minimum Stiffness</b>
4" Single Wall	4.03"	4.70"	<10%	30 pii
6" Single Wall	6.06"	7.08"	<10%	30 pii
8" Single Wall	8.05"	9.53"	<10%	30 pii
10" Single Wall	10.02"	11.88"	<10%	30 pii
12" Single Wall	12.09"	14.58"	<10%	30 pii
15" Single Wall	15.22"	18.74"	<10%	30 pii
18" Single Wall	18.03"	21.70"	<10%	30 pii
24" Single Wall	24.03"	28.55"	<10%	30 pii

#### **Specifications**

ASTM D 3350: Standard Specification for PE Plastic Pipe and Fittings Materials.

-Cell Classification 424420C.

-A minimum of 20% Post Consumer and Post Industrial Recycled Resins (100% Recycled Resins available if requested)

ASTM F405: Standard Specification for Corrugated Polyethylene Pipe and Fittings.

ASTM F667: Standard Specification for Large Diameter Corrugated Polyethylene Pipe and Fittings.

#### **Typical Properties**

<b><u>Properties</u></b>	<b><u>Test Procedures</u></b>	<b><u>Units</u></b>
Density (4)	ASTM D 1505	0.947 – 0.955 g/cm <sup>3</sup>
Melt Index (2)	ASTM D 1238	1.0 to 0.4 gm/10 min
Flexural Modulus (4)	ASTM D 790	80,000 – 110,000 psi
Tensile Strength at Yield (4)	ASTM D 638	3,000 – 3,500 psi
Environmental Stress Crack Resistane (2)	ASTM D 1693	24 hrs.
Hydrostatic Strength I. HDB at 23° C (0)	ASTM D 2837	Not Pressure Rated
Color & UV Stabilizer (C)	ASTM D 4218	> 2%

TOLL FREE 1-800-334-5071

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