



**CHARTER PLASTICS PE 2406/2708 PIPE  
YELLOW GAS PIPE  
PRODUCT DATA SHEET**

revised 3/08

<b>Properties</b>	<b>ASTM</b>	<b>Units</b>	<b>Typical values</b>
Material Designation as listed in PPI TR4			<b>PE 2708</b>
Melt Index (190/21.6)	D 1238	g/10 min	.14
Density (g/cc) black	D 1505	g/cm <sup>3</sup>	.940
Tensile Strength @ yield (ext. rate 2" per min.)	D 638	psi	2900 (<3000)
Secant Flexural Modulus @ 2 % Strain	D 790 as Specified In ASTM D3350	psi	>100,000 (< 110,000)
Hardness, Shore D	D 2240	-----	60
Elastic Modulus	D 638	Psi	110,000
Vicat Softening Temperature	D 1525	°F	246
SCG Resistance, Pent	F 1473	Hr	>100
Brittleness Temperature	D 746	°C (°F)	<-100 (<-150)
Coefficient of Linear Thermal Expansion	D 696	In/in/°F	(1.0x 10 <sup>-4</sup> )
HDB (Hydrostatic Design Basis) @ 73.4° F @ 140° F	D 2837	psi psi	1250 800
Cell Classification	D 3350	-	234363
Color Identification: (E) color	D 3350	- -	Color with UV stabilizer

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For Natural Gas Service and Distribution Lines