

PolyPipe[®]

PolyPipe[®] Introduces High Performance PE2708



*Always better,
always faster,
always smarter*

PolyPipe® is Now Offering High Performance PE2708!

PolyPipe® Inc. is now offering the new High Performance PE2708 manufactured from Dow® Continuum™ DGDA 2420 bi-modal resin. This resin exceeds the cell classification requirements for ASTM PE2708 and ISO PE80 materials. High Performance PE2708 offers outstanding resistance to slow crack growth (SCG) and rapid crack propagation (RCP). PolyPipe® Inc. GDY20 High Performance bi-modal PE2708 has outstanding strength and durability and can provide longer pipeline service and enhanced pipeline integrity.



SCG	RCP (T _c)	RCP (P _c)	Elevated Temp.
>15,000 hrs of PENT	-2°C (28°F)	>10 bar (145 psig)	1,000 psi at 140°C (60°F)

Request PolyPipe® GDY20 High Performance PE2708 for demanding applications where outstanding pipe properties are important – large diameter, higher pressure, lower ground temperature.

The following table shows the comparison of critical pressure and critical temperature values for the new PolyPipe® High Performance PE2708 and typical uni-modal pipe resins.

PE Material	S4 Critical Pressure (P _{C,S4}) at 32°F (0°C)	Full Scale Critical Pressure (P _{C,FS}) @ 0°C	Critical Temperature (T _C) at 5 bar (75 psig)
Unimodal MDPE	1 bar (15 psig)	6.2 bar (90 psig)	15°C (60°F)
Bimodal MDPE	10 bar (145 psig)	38.6 bar (560 psig)	-2°C (28°F)