

ProTherm® 4300E CPVC - TECHNICAL DATA SHEET

AXIAL's Georgia Gulf ProTherm® 4300E CPVC is a CPVC powder formulation designed for the processing of pipe products IPS Schedule 40/80 with an O.D. range of ½" to 10 inches.

ProTherm® 4300E CPVC is well suited for industrial grade systems where excellent chemical resistance is combined with excellent heat distortion properties and low flame and smoke generation.

General Properties	Typical Value	Method
Specific Gravity (+/- 0.02)	1.49± 0.02	ASTM D-792
NSF Standard 14 - Cell Classification	23447	ASTM D-1784
Mechanical Properties		
Tensile Strength, psi	7120	ASTM D-638
Tensile Modulus, psi	380,000	ASTM D-638
1/8" Notched Izod Impact Strength, ft-lbs/in	2.8	ASTM D-256
Heat Deflection Temperature, annealed, at 264 psi (degrees C / F)	109 / 228	ASTM D 648
Mold Shrinkage 10-3 in/in	5 - 7	ASTM D 955

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