

Axiall PVC ProTherm 4300E CPVC

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

AXIALL'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 1/2" 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 Information			
Features	Low smoke Good chemical resistance		
Uses	Piping system		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47 - 1.51	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
PVC Cell Classification	23447		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength	49.1	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	109	°C	ASTM D648

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