

ProTherm® 4353

Chlorinated Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf ProTherm® 4353 is a CPVC powder blend designed for extrusion of large diameter, heavy wall industrial pipe requiring high temperature and good chemical resistance. Processing and stability along with overall physical properties are excellent.

General Information			
Features	Workability, good		
	Good processing stability		
	Good chemical resistance		
	Heat resistance, high		
Uses	Industrial application		
	Piping system		
Forms	Powder		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm ³	ASTM D792
PVC Cell Classification	23447		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2940	MPa	ASTM D638
Tensile Strength (Yield)	54.5	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	113	°C	ASTM D648
Additional Information			
Flammability, ASTM D635, Actual Burn Time: <5 secFlammability, ASTM D635. Actual Extent of Burn: <5 mm			

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