ProTherm® 4305

Chlorinated Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf ProTherm® 4305 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.
Georgia Gulf ProTherm® 4305 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	Industrial application Piping system		
Agency Ratings	NSF 14 NSF 61		
Forms	Powder		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.47 - 1.51	g/cm³	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	2690	MPa	ASTM D638
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm)	140	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	108	°C	ASTM D648

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China