

Georgia Gulf

Data Sheet

ProTherm® 4305 CPVC

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 ½" 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 Properties	Test Method	Typical Value
Specific Gravity	ASTM D-792	1.49± 0.02
Mold Shrinkage 10 ⁻³ in/in	ASTM D-955	5 - 7
Mechanical Properties	Test Method	Typical Value
Tensile Yield Strength, psi	ASTM D-638	7,500
Tensile Modulus, psi	ASTM D-638	390,000
1/8" Notched Izod Impact Strength, ft-lbs/in	ASTM D-256	2.7
Thermal Properties	Test Method	Typical Value
Heat Deflection Temperature at 264 psi, °C(°F)	ASTM D-648	108(226)
Regulatory/Code	Test Method	Typical Value
NSF Standard 14	ASTM D-1784	23447
NSF Standard 61	NSF	PASS

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IMPORTANT: The technical data herein is believed to be accurate. It is offered for your consideration, investigation and verification. These values and sets of properties are based upon laboratory work with small scale equipment and do not necessarily indicate end product performance. Full scale testing and end product use and performance are the responsibility of the Buyer. Buyer assumes all risk of use, storage and handling of the product. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall be construed as a license to operate under, or recommendation to infringe, any patents.
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