



# Corzan CPVC TECHNICAL DATA SHEET

CPVC piping system are manufactured from eco friendly and uv resistant cpvc compound.

The pipes are highly resistant to abrasion, heat and fire. Ease in installation due to light - weight and cold welded joints. The pipes resist bacteria and chlorine present in water.

## **Key Features:-**

- Tough and durable
- High resistance to heat
- Highly resistant to chemicals
- Self extinguishing
- Low moisture absorption
- High electrical insulation
- High tensile strength
- Light weight
- Good di-electric properties
- Good resistance to corrosion
- Easy weldability

## **Standard Sizing:-**

1/2" to 12"

**Colours:** Grey, Dark Grey



## **Typical Applications:-**

- Transportation of drinking water
- Transportation of Hot & Cold Water
- Municipal
- Chemical Industry
- Metallurgy
- Paper & Pulp Industry
- Mining Industry
- Textile Industry
- Food & Beverages Industry
- Fire Sprinklers
- Solar Industry

### Typical Properties

Properties	Test Method	Unit	Value
Deflection Temperature under Load (264 psi, annealed)	ASTM D648	°C	90
Impact, Izod, notched	ASTM D256	Ftlbs/in	10.0
Tensile Strength at Yield	ASTM D638	psi	7300
Tensile Modulus	ASTM D638	psi	390,000
Flexural Strength	ASTM D790	psi	12,700
Flexural Modulus	ASTM D790	psi	382,000
Coefficient of Linear Expansion	ASTM D696	In/in°C	$7.0 \times 10^{-5}$
Rockwell Hardness	ASTM D785	R Scale	117
Specific Gravity	ASTM D792		1.47
Flammability	UL-94 (tested, not listed)		V-0
Cell Classification	ASTM D1784		24446

N.B.: Technical data refers to average values. The information provided above is based on the values measured in our laboratory as well as independent laboratories. The quoted values are based on specific resin properties and are subject to change without prior notice.

For further details on the product, kindly contact us at :

e-mail: [emarketing@sangir.com](mailto:emarketing@sangir.com) / [sales@sangir.com](mailto:sales@sangir.com)

Tel: +91 022 28717800 (30 lines)