

CPVC



Description

Formulated through chlorinated polyvinyl reaction, CPVC is the resin drastically improving the heat resistance, impact resistance, mechanical strength and pressure resistance over the commercially and widely available PVC. Past many years, CPVC has been widely used for various industrial areas.

Features

- ✓ Excellent corrosion resistance and anti-chemical strength.
- ✓ Excellent heat and pressure resistance capacity.
- ✓ High constant temperature characteristics due to low heat conduction rate.
- ✓ Convenient workability & excellent economy.
- ✓ Direct exposure to flame at 878 degree Celsius (Water Pressure Resistance : 1.2MPa)

CPVC Application

- ✓ Wet Piping installation inside the fire-proof ceiling of public housing, dormitory, educational institution, correction facility, business facility, religious facility, medical facility zoo and botanic facility. Wet Piping installation inside the fire-proof ceiling of public housing, dormitory, educational institution, correction facility, business facility, religious facility, medical facility zoo and botanic facility.
- ✓ Installation inside the duct or pit sector in fire-resistant structure with other parts.
- ✓ Underground piping installation (National fire safety standard article 7 sprinkler piping 14,2 clause reference)
- ✓ Light Hazard occupancies as defined in the Standard for Installation of Sprinkler Systems, NFPA 13 (regardless of the height of the building), residential occupancies as defined in NFPA 13 R and NFPA 13 D.
- ✓ Ordinary Hazard Installations. Sections 6.3.6.2 of NFPA 13 (2010 Edition) and 5.2.2.3 of NFPA 13R (2010 Edition) permit the use of pipe or tube listed for light hazard occupancies to be installed in ordinary hazard rooms of otherwise light hazard occupancies where the room does not exceed 400 ft² (37 m²)
- ✓ Air plenums, as defined by the Installation of Air Conditioning and Ventilating Systems, NFPA 90.
- ✓ Installation of Private Fire Service Mains and Their Appurtenances, NFPA 24.
- ✓ Air plenums, as defined by the Installation of Air Conditioning and Ventilating Systems, NFPA 90.