

Technical Data Sheet Novista® - CPVC Compound

With mature formulation and advanced compounding technology, we use our own CPVC Resin and selected strictly additives to make CPVC compound. CPVC pipes and fittings produced by our CPVC compound are most advanced for hot and cold water, Industrial and Fire pipeline system giving numerous advantages like corrosion resistance, chemical resistance, fire resistance, low thermal expansion, safety for drinking water, freedom from leakages and wall dampening, lowest bacterial growth besides easy installation and cost effective.



Advantages

- Chemical resistant : SuperCPVC has excellent chemical resistance to strong mineral acids and bases.
- Tough, rigid material : CPVC pipe produced by SuperCPVC has a much higher strength than other thermoplastics used in plumbing. This means that CPVC needs less hangers and supports and there is no unsightly looping of pipe. CPVC pipe has a higher pressure bearing capacity. This leads to the same flow rate with a smaller pipe size.
- Unaffected by chlorine in the water : Some materials may be adversely affected by chlorine contained in the water supply which can cause breakdown of the polymer chains and potential leaks. In this respect, CPVC pipe is unaffected by the chlorine present in potable water supply.
- Low thermal expansion : CPVC pipe has a lower coefficient of thermal expansion than alternative plastics, reducing the amount that the pipe expands when hot water is running, again reducing unsightly “looping” of the pipe.
- Superior Insulation : CPVC pipe is more energy efficient than metal pipe. As an insulator it does not lose heat the way metal pipe do, so heat loss and thermal expansion are reduced.
- Hot and Cold water compatible : CPVC pipe is compatible with both hot and cold water. It withstand very high temperature compared to any other thermoplastic plumbing systems. Many solar and electric water heaters have CPVC piping system for heat efficiency and lower installation cost. Proper installation must be followed.



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- Fire Safety : CPVC has a limiting Oxygen Index of 60. Thus in air, CPVC pipe does not support combustion. No flaming drips, does not increase the fire load, low flame spread. Low smoke generation.

Specification

Items	6xxx01x	6xxx01x	6xxx01x	8xxx02x	8xxx02x	6xxx01x	8xxx02x
Appearance	Powder	Powder	Powder	Granule	Granule	Orange Powder	Orange Granule
Vicat Temp	≥ 115	≥ 112	≥ 108	≥ 104	≥ 100	≥ 112	≥ 103
Specific Gravity	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50	1.45-1.50
Application	Hot & cold water pipe; Industry pipe			Pipe fitting & Valves		Fire sprinkler pipe; Fire sprinkler fitting	

Remark : Detailed specification is available once required.

Package and Storage

25KG PP woven bag or paper bag ; 650KG jumbo bag

It is not dangerous cargo .You should handle the material according to the instruction described on SDS.

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