

CHLORO POLYVINYL CHLORIDE [CPVC] PIPE COMPOUND [EP-8167]

General Properties & Applications

EP-8167 is a Chloro Poly Vinyl Chloride [CPVC] pipe compound, a heat resistant and hydrostatic pressure endurance polymer produced by blending best in class chemicals additives like impact modifiers, lubricants and thermal stabilizers etc. to the Epigral's high quality NSF approved CPVC Resin [Grade - MM 67].

EP-8167 is an extrusion compound that can be used for the manufacture of CPVC pipes that demand high thermal resistance, chemical resistance, hydrostatic pressure durability and non-corrosive characteristics.

EP-8167 CPVC Compound finds their major application in Hot and Cold water in potable water application.

EP-8167 is NSF-61 approved which make it suitable for safe drinking water application.



Specifications [EP-8167]

Characteristics	Unit	Typical Value	Test Method
Appearance & Color	-	Ivory Powder	Visual
Bulk Density	g/cm ³	≥ 0.6	ASTM D-1895
Different Matter (Dust, Metal etc.)	-	NIL	Magnifying Mirror
Performance Proprieties	Unit	Typical Value	Test Method
Vicat Softening Temperature	°C	≥ 110	ASTM D-1525
Tensile Strength	N/m ²	≥ 50	ASTM D-638
Izod Impact Strength	J/m	≥ 85	ASTM D-256
Specific Gravity	-	≥ 1.5	ASTM D-792

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EP-8167 has the following exceptional characteristics:

- Thermal Features like Low thermal conductivity, Heat Deflection Temperature etc.
- Top notch mechanical properties like Tensile Strength, Hydrostatic Pressure Endurance & Impact Strength
- Easy Processability with Long-Term Heat Stability & Steady Processing Conditions
- UV resistant for outdoor applications

Storage, Handling and Safety

EP - 8167 is free from any hazardous or regulated materials such as lead, cadmium, mercury, and chromium compounds.

- Bags should be stored in dry conditions at room temperatures and protected from UV / direct sunlight.
- Handle under well ventilation with protectives gears.

Please refer Epigral Limited's product specific Material Safety Data Sheet (MSDS) that underlines potential health effects and safe handling, use, and transportation methods.

We strongly encourage its customers to review the MSDS prior to material use.

Disclaimer:

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