

CHLORO POLYVINYL CHLORIDE [CPVC] FITTING COMPOUND [EF -8157]

General Properties & Applications

EF-8157 is a Chloro Poly Vinyl Chloride [CPVC] fitting 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 57] and further pelletized through granulation process.

EF-8157 is an injection molding compound that can be used for the manufacture of CPVC fittings that demand high thermal resistance, chemical resistance, hydrostatic pressure durability and non-corrosive characteristics.

EF-8157 CPVC Pipes fittings finds their major application in Hot and Cold water in potable water application.

EF-8157 is NSF-61 approved which make it suitable for safe drinking water application.



Certified to
NSF/ANSI/CAN 61

Specifications [EP-8157]

Characteristics	Unit	Typical Value	Test Method
Appearance & Color	-	Ivory Pellets	Visually
Different Matter (Dust, Metal etc.)	-	NIL	Magnifying Mirror
Specific Gravity	gm/cc	≥ 1.45	ASTM D792
Vicat Softening Temperature [VST]	$^{\circ}\text{C}$	≥ 103	ASTM D1525
Tensile Strength	MPa	≥ 48.3	ASTM D638
Izod Impact Strength	J/M	≥ 80.1	ASTM D256

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EP-8157 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-8157 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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