

# Technical Data Sheet

Sr.No: cpvc-011

## Chlorinated PVC Compound CG-142

### Application

HEC's CG-142 is a pelletized injection molding compound designed for fittings. Typical applications is Injection molding of fire sprinkler fittings especially where high resistance and/or elevated temperature exist. HEC CG-142 has excellent process ability, including thermal stability, flow, and surface appearance. CG-142 meets ASTM D-1784 cell class 23447-B requirements.

It can be used for-  
-Injection molding of fire sprinkler fittings.

### Specification

ITEM	Unit	Index
Color	—	ORANGE
Specific Gravity	g/cm <sup>3</sup>	1.4-1.65
Tensile Strength	MPa	≥48.3
Tensile Modulus Of Elasticity	MPa	≥2482
Izod Notched Impact Strength	KJ/M <sup>2</sup>	≥7.8
Vicat Softening Temperature	°C	≥103

### Package

25 kg                      3 in 1 Composite kraft paper bag

Other packaging according to customer needs

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## Storage/Shelf Life

The material must be stored in a dry place away from all heat sources,direct or indirect.

The recommended shelf life for this resin is 18 months maximum.

## Safety Hazards identification

More advice and information given in the safety data sheet.

## Disclaimer

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.

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