

CHLORINATED POLYETHENE RESIN (ICS-135A)

Description:

ICS-135A is a type of highly filled chlorinated polyethylene (CPE) thermoplastic elastomer. It is an excellent impact modifier for PVC. ICS-135A is a proven cost effective component in rigid PVC compounds and helps improve both impact and weatherability properties. It also helps improve processability of PVC compounds and allows higher low-cost filler loadings with no significant effect on physical properties. It can be used for others types of plastic, such as PE, EVA, PP, PA etc. Proper amount of ICS-135A added into formulations of PVC, PE or PP plastic products will not only greatly enhance impact resistance but will largely improve low temperature performances, weatherability, welding strength and other performances.

Application:

1. Impact modifier for rigid and semi-flexible products

ICS-135A as an excellent impact modifier, can be used in production of many types of rigid plastic products (pipes, pipe fittings, fence, PVC door and PVC sheets) and semi-flexible sidings. ICS-135A improves the impact resistance, low temperature performances, weatherability, and welding strength of the finish products.

2. Application in electrical appliance fittings

ICS-135A has good flame retardant properties due to chlorine content, heat/ cold resistance, good mechanical properties. These characteristics make ICS-135A suitable for flame retardant wire and cable jackets.

3. Application in soft products

As a good elastomer, ICS-135A can be used directly for soft products (such as PVC waterproof membrane) with no plasticizers are needed. The soft products produced have superior weatherability and long service life. This successfully avoids the defects in the traditional PVC soft products, which is caused by migrating of plasticizers added in the PVC soft product formulation.

4. Application in agriculture

ICS-135A can be used with LDPE or HDPE film (pond liners, plantation bag) to improve toughness, UV resistance & tear strength.

Packaging:

ICS-135A supplied in 25kg \pm 0.1kg double layer bags, consist of plastic PE bag as inner layer and paper PP woven laminated bag as outer layer.

Storage:

Store in a cool dry place to prevent moisture absorption.



Corporate Office:

ICS MASTERBATCHES[®]

INTEGRATED COLOUR SYSTEM SDN. BHD. (508476-U)

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